Section **A** for the ent
AIR MIN

FORM 1090.

**FOR OFFICIAL USE.**
ILL ORGANIZATION.

# REG 31 .

3501

South Pk Darlington

1931 – 40

780701

*Kept at* South Ga
*in the County of* D

Diameter of Funnel of Gauge
Height of top of Gauge above Gr
,, Ground ,, Se

**THE MORNING MEA**

*An observer who does not conform* … *the following year in the space on the right of*

Jan. 1, following.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | · | ·02 | · | · | · | · | 03 | · | ·24 | · | · | 01 | 1 |
| 2 | · | ·04 | · | ·58 | · | ·53 | · | · | ·86 | · | · | ·32 | 2 |
| 3 | · | · | · | 07 | · | ·08 | ·11 | · | 68 | · | ·26 | ·10 | 3 |
| 4 | ·04 | ·08 | · | ·01 | · | · | ·05 | · | ·83 | · | ·06 | ·07 | 4 |
| 5 | · | ·04 | · | · | ·05 | ·46 | ·35 | ·08 | 04 | · | · | ·26 | 5 |
| 6 | · | ·12 | ·06 | · | · | ·36 | ·65 | ·19 | ·05 | 11 | · | · | 6 |
| 7 | · | 01 | ·04 | ·03 | 01 | ·07 | · | ·32 | · | 03 | ·15 | · | 7 |
| 8 | ·02 | 01 | 22 ~~·23~~ | ·07 | ·10 | ·12 | ·52 | ·09 | 01 | – | ·10 | · | 8 |
| 9 | · | ·08 | ·32 | | ·09 | ·06 | · | ·13 | 01 | · | ·23 | · | 9 |
| 10 | ·03 | 01 | ·10 | · | ·08 | ·14 | · | ·02 | · | · | ·14 | · | 10 |
| 11 | ·04 | ·21 | · | ·03 | · | ·04 | ·04 | · | 01 | · | · | · | 11 |
| 12 | ·07 | · | · | | · | ·06 | 1·48 | ·22 | ·02 | ·10 | · | · | 12 |
| 13 | ·04 | · | ·12 | | 01 | ·03 | · | ·06 | · | – | · | · | 13 |
| 14 | 03 | ·07 | ·04 | | ·02 | ·56 | ·37 | ·59 | · | – | ·19 | ·05 | 14 |
| 15 | · | ·03 | · | ·18 | ·09 | 01 | ·19 | ·28 | · | – | ·06 | · | 15 |
| 16 | ·04 | ·19 | · | ·08 | 01 | 03 | ·03 | ·46 | ·35 | – | · | · | 16 |
| 17 | · | ·10 | · | ·48 | · | ·04 | ·06 | ·12 | ·02 | · | ·02 | · | 17 |
| 18 | 09 | ·05 | · | ·32 | · | ·27 | ·05 | ·03 | · | – | ·26 | · | 18 |
| 19 | ·03 | · | · | ·08 | ·01 | ·17 | ·09 | ·89 | ·14 | ·03 | 01 | · | 19 |
| 20 | 01 | · | · | ·12 | · | ·62 | · | ·05 | ·02 | · | ·03 | ·03 | 20 |
| 21 | ·02 | ·02 | · | 01 | · | · | · | ·03 | · | · | 01 | · | 21 |
| 22 | ·21 | 01 | · | ·08 | ·07 | ·06 | · | · | ·02 | · | ·02 | · | 22 |
| 23 | ·30 | 01 | · | ·10 | ·65 | 18 | ·03 | · | 01 | ·05 | ·16 | · | 23 |
| 24 | ·05 | ·02 | · | ·21 | ·57 | · | ·05 | ·03 | · | ·07 | 01 | · | 24 |
| 25 | 03 | | · | ·06 | 04 | · | ·16 | · | · | · | ·03 | · | 25 |
| 26 | 01 | · | · | ·21 | · | · | ·01 | · | · | · | 35 | · | 26 |
| 27 | 04 | · | · | ·16 | · | · | · | · | · | ·03 | ·17 | 01 | 27 |
| 28 | ·23 | ·14 | 01 | ·08 | ·37 | · | · | · | 02 | · | 04 | 04 | 28 |
| 29 | ·31 | ~~·~~ | ·05 | · | ·07 | · | ·18 | · | · | 43 | · | ·14 | 29 |
| 30 | ·03 | × | · | · | ·67 | · | ·02 | · | · | | · | · | 30 |
| 31 | ·27 | × | · | × | ·06 | × | · | · | × | ·04 | × | · | 31 |
| TOTAL | 1·94 | 1·27 | ·96 | 2·96 | 2·97 | 5·29 | 4·47 | 3·50 | 3·33 | ·89 | 2·40 | 1·03 | YEAR'S TOTAL 29·10 |
| Days with ·01 in. or more. | 22 | 23 | 9 | 20 | 18 | 20 | 20 | 17 | 17 | 9 | 20 | 10 | 202 |
| Days with ·04 in. or more. | 13 | 11 | 8 | 16 | 13 | 16 | 15 | 13 | 8 | 6 | 13 | 7 | 139 |

40-9999

(Signed) [P.T.O.

Section **A** for the ent observations. — FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* South Park. Darlington

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | · | ·02 | · | · | · | · | 03 | · | ·24 | · | · | 01 | 1 |
| 2 | · | ·04 | · | ·58 | ' | ·53 | · | · | ·86 | · | · | ·32 | 2 |
| 3 | · | · | · | 07 | · | ·08 | ·11 | · | 68 | · | ·26 | ·10 | 3 |
| 4 | ·04 | ·08 | · | ·01 | · | – | ·05 | · | ·83 | · | ·06 | ·07 | 4 |
| 5 | · | ·04 | · | · | ·05 | ·46 | ·35 | ·08 | 04 | · | · | ·26 | 5 |
| 6 | · | ·12 | ·06 | · | · | ·36 | ·65 | ·19 | ·05 | 11 | · | · | 6 |
| 7 | · | 01 | ·04 | ·03 | 01 | ·07 | · | ·32 | · | 03 | ·15 | · | 7 |
| 8 | ·02 | 01 | 22 | ·07 | ·10 | ·12 | ·52 | ·09 | 01 | – | ·10 | · | 8 |
| 9 | · | ·08 | ·32 | | ·09 | ·06 | · | ·13 | 01 | · | ·23 | · | 9 |
| 10 | ·03 | 01 | ·10 | · | ·08 | ·14 | · | ·02 | · | · | ·14 | · | 10 |
| 11 | ·04 | ·21 | · | ·03 | · | ·04 | ·04 | · | 01 | · | · | · | 11 |
| 12 | ·07 | · | · | | · | ·06 | 1·48 | ·22 | ·02 | ·10 | · | · | 12 |
| 13 | ·04 | · | ·12 | | 01 | ·03 | · | ·06 | · | – | · | · | 13 |
| 14 | 03 | ·07 | ·04 | | ·02 | ·56 | ·37 | ·59 | · | – | ·19 | ·05 | 14 |
| 15 | · | ·03 | · | ·18 | ·09 | 01 | ·19 | ·28 | · | – | ·06 | · | 15 |
| 16 | ·04 | ·19 | · | ·08 | 01 | 03 | ·03 | ·46 | ·35 | – | · | · | 16 |
| 17 | · | ·10 | · | ·48 | · | ·04 | ·06 | ·12 | ·02 | · | ·02 | · | 17 |
| 18 | 09 | ·05 | · | ·32 | · | ·27 | ·05 | ·03 | · | – | ·26 | · | 18 |
| 19 | ·03 | · | · | ·08 | ·01 | ·17 | ·09 | ·89 | ·14 | ·03 | 01 | · | 19 |
| 20 | 01 | · | · | ·12 | · | ·02 | · | ·05 | ·02 | · | ·03 | ·03 | 20 |
| 21 | ·02 | ·02 | · | 01 | · | · | · | ·03 | · | · | 01 | · | 21 |
| 22 | ·21 | 01 | · | ·08 | ·07 | ·06 | · | · | ·02 | · | ·02 | · | 22 |
| 23 | ·30 | 01 | · | ·10 | ·65 | 18 | ·03 | · | 01 | ·05 | ·16 | · | 23 |
| 24 | ·05 | ·02 | · | ·21 | ·57 | · | ·05 | ·03 | · | ·07 | 01 | · | 24 |
| 25 | 03 | | · | ·06 | 04 | · | ·16 | · | · | · | ·03 | · | 25 |
| 26 | 01 | · | · | ·21 | · | · | ·01 | · | · | · | 35 | · | 26 |
| 27 | 04 | · | · | ·16 | · | · | · | · | · | ·03 | ·17 | 01 | 27 |
| 28 | ·23 | ·14 | 01 | ·08 | ·37 | · | · | · | 02 | · | 04 | 04 | 28 |
| 29 | ·31 | × | ·05 | · | ·07 | · | ·18 | · | · | 43 | · | ·14 | 29 |
| 30 | ·03 | × | · | · | ·67 | · | ·02 | · | · | | · | · | 30 |
| 31 | ·27 | × | · | × | ·06 | × | · | · | × | ·04 | × | – | 31 |
| TOTAL | 1·94 | 1·27 | ·96 | 2·96 | 2·97 | 3·29 | 4·47 | 3·50 | 3·33 | ·89 | 2·40 | 1·03 | YEAR'S TOTAL 29·10 |
| Days with ·01 in. or more. | 22 | 26 | 9 | 20 | 18 | 20 | 20 | 17 | 17 | 9 | 20 | 10 | 202 |
| Days with ·04 in. or more. | 13 | 11 | 8 | 16 | 13 | 16 | 15 | 13 | 8 | 6 | 13 | 7 | 139 |

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(Signed) D Thompson

[P.T.O.

3501

**Section** **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* South Park, Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | · | 01 | · | ·05 | ·21 | 01 | ·02 | ·02 | ·24 | ·07 | 01 | ·03 | 1 |
| 2 | · | - | - | · | ·56 | · | ·12 | ·01 | ·30 | ·05 | ·04 | ·10 | 2 |
| 3 | · | - | · | 01 | 01 | · | ·04 | ·12 | ·02 | - | - | ·09 | 3 |
| 4 | 01 | · | ·04 | · | ·09 | · | ·24 | · | · | · | · | ·03 | 4 |
| 5 | ·06 | 01 | - | · | ·04 | · | · | · | ·11 | · | · | ·08 | 5 |
| 6 | ·25 | - | 01 | ·03 | ·02 | · | · | · | 01 | · | · | ·04 | 6 |
| 7 | - | · | ·08 | ·02 | ·14 | · | ·03 | · | ·18 | ·14 | · | 01 | 7 |
| 8 | - | ·07 | - | ·02 | - | · | · | - | ·07 | ·28 | ·07 | - | 8 |
| 9 | ·21 | ·26 | 01 | 01 | · | · | · | · | · | ·15 | 01 | ·10 | 9 |
| 10 | ·69 | ·07 | 03 | ·05 | - | · | · | · | ·12 | ·48 | · | ·12 | 10 |
| 11 | ·02 | ·10 | ·02 | ·03 | ·29 | ·06 | 1·07 | · | · | ·24 | ·02 | · | 11 |
| 12 | ·28 | ·01 | - | ·02 | ·12 | · | 01 | · | · | ·06 | ·07 | · | 12 |
| 13 | ·02 | ·14 | - | ·04 | ·03 | · | · | · | ·72 | · | 01 | ·14 | 13 |
| 14 | ·12 | · | - | 01 | · | · | ·02 | ·02 | - | 01 | ·02 | 01 | 14 |
| 15 | 01 | - | · | ·02 | ·02 | · | · | · | · | 01 | ·03 | ·04 | 15 |
| 16 | ·14 | - | ·01 | · | · | - | ·02 | · | · | 01 | ·02 | · | 16 |
| 17 | ·01 | · | · | ·03 | · | - | ·12 | · | 01 | ·04 | 01 | · | 17 |
| 18 | · | - | · | · | ·04 | · | ·07 | · | 01 | · | 01 | · | 18 |
| 19 | · | ·02 | ·02 | ·07 | ·25 | · | ·03 | · | · | ·16 | · | · | 19 |
| 20 | · | | ·04 | ·05 | ·14 | · | · | ·45 | - | ·15 | · | · | 20 |
| 21 | ·03 | | ·40 | ·10 | 1·18 | · | ·03 | ·93 | - | ·51 | ·02 | 01 | 21 |
| 22 | ·01 | | ·34 | ·07 | ·12 | - | ·39 | · | · | ·04 | ·08 | 01 | 22 |
| 23 | ·01 | ·05 | ·01 | ·05 | ·02 | - | ·05 | · | ·05 | 01 | ·09 | ·02 | 23 |
| 24 | · | ·02 | - | · | ·05 | · | ·28 | · | ·06 | | 01 | · | 24 |
| 25 | · | ·03 | · | ·15 | ·03 | · | - | ·02 | ·04 | ·26 | · | ·02 | 25 |
| 26 | · | ·02 | - | ·02 | ·17 | · | ·30 | · | ·09 | ·09 | ·02 | · | 26 |
| 27 | · | · | ·30 | 05 | ·04 | ·53 | ·28 | · | ·03 | ·17 | ·02 | ·03 | 27 |
| 28 | · | · | ·05 | ·07 | ·27 | ·18 | ·08 | ·06 | · | ·05 | · | · | 28 |
| 29 | · | · | ·32 | ·09 | ·04 | ·02 | ·36 | ·89 | ·03 | ·26 | ·10 | ·11 | 29 |
| 30 | · | × | 02 | 01 | · | 32 | ·03 | ·03 | ·21 | ·08 | ·26 | ·10 | 30 |
| 31 | - | × | ·02 | × | · | × | 1·51 | 01 | × | ·01 | × | ·02 | 31 |
| TOTAL | 1·40 | ·81 | 1·72 | 1·07 | 3·68 | 1·12 | 5·10 | 9·56 | 2·30 | 3·13 | ·92 | 1·11 | YEAR'S TOTAL 25·4 |
| *Days with ·01 in. or more. | 15 | 13 | 17 | 24 | 23 | 6 | 22 | 11 | 18 | 24 | 20 | 20 | 213 |
| *Days with ·04 in. or more. | 7 | 8 | 8 | 12 | 17 | 4 | 14 | 5 | 12 | 19 | 7 | 10 | 124 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3551

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* South Park, Darlington Co Durham

*in the County of* Durham

716203/26

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·01 | ·12 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | ·14 | ·01 | 1 |
| 2 | ·11 | Nil | ·13 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | ·67 | ·01 | 2 |
| 3 | ·07 | ·05 | ·30 | Nil | ·38 | Nil | Nil | Nil | Nil | Nil | ·47 | Nil | 3 |
| 4 | ·20 | Nil | Nil | Nil | ·05 | Nil | Nil | Nil | Nil | Nil | ·01 | Nil | 4 |
| 5 | Nil | Nil | ·03 | Nil | ·18 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 5 |
| 6 | Nil | ·01 | Nil | ·01 | ·27 | Nil | Nil | Nil | Nil | Nil | Nil | ·08 | 6 |
| 7 | Nil | ·11 | Nil | Nil | ·03 | Nil | Nil | Nil | ·01 | ·28 | Nil | Nil | 7 |
| 8 | ·02 | Nil | ·11 | Nil | ·01 | Nil | ·19 | Nil | Nil | Nil | Nil | Nil | 8 |
| 9 | Nil | ·31 | ·01 | Nil | Nil | Nil | ·15 | Nil | Nil | ·20 | ·02 | ·01 | 9 |
| 10 | ·01 | ·04 | Nil | Nil | Nil | ·10 | ·12 | Nil | Nil | ·41 | ·03 | ·05 | 10 |
| 11 | ·01 | ·01 | Nil | Nil | ·05 | Nil | ·01 | Nil | Nil | ·03 | Nil | Nil | 11 |
| 12 | ·02 | Nil | Nil | Nil | Nil | ·21 | ·03 | Nil | Nil | Nil | Nil | ·01 | 12 |
| 13 | Nil | Nil | ·01 | Nil | ·11 | Nil | ·09 | ·08 | ·04 | ·01 | ·08 | ·01 | 13 |
| 14 | ·21 | Nil | Nil | Nil | Nil | Nil | ·01 | ·01 | Nil | Nil | ·41 | Nil | 14 |
| 15 | ·46 | Nil | ·02 | Nil | Nil | Nil | ·31 | ·02 | Nil | ·05 | ·34 | ·11 | 15 |
| 16 | ·39 | Nil | ·08 | ·05 | ·21 | ·10 | ·03 | ·04 | Nil | Nil | ·27 | ·01 | 16 |
| 17 | ·19 | ·04 | ·05 | ·03 | ·01 | ·08 | Nil | ·01 | ·02 | Nil | ·41 | Nil | 17 |
| 18 | ·02 | ·31 | ·06 | Snow<br>·10 | Nil | ·93 | Nil | Nil | Nil | Nil | ·10 | ·02 | 18 |
| 19 | Nil | ·02 | ·73 | Nil | Nil | ·11 | ·15 | Nil | Nil | Nil | ·02 | Nil | 19 |
| 20 | Nil | ·02 | Nil | Nil | Nil | ·01 | Nil | ·01 | ·18 | ·13 | ·03 | Nil | 20 |
| 21 | Nil | ·03 | Nil | Nil | Nil | ·02 | Nil | ·01 | ·02 | ·10 | ·03 | ·03 | 21 |
| 22 | Nil | ·21 | Nil | Nil | Nil | Nil | Nil | ·03 | ·20 | ·81 | Nil | Nil | 22 |
| 23 | Nil | ·14 | Nil | ·02 | ·21 | ·19 | Nil | ·02 | ·11 | ·01 | ·01 | Nil | 23 |
| 24 | Nil | ·31 | Nil | ·22 | ·30 | ·17 | ·02 | Nil | ·21 | ·01 | ·04 | ·22 | 24 |
| 25 | Nil | ·96 | Nil | ·24 | ·01 | ·02 | Nil | Nil | ·35 | ·16 | ·01 | ·02 | 25 |
| 26 | Nil | ·59 | Nil | ·04 | ·11 | Nil | Nil | Nil | Nil | ·02 | ·02 | ·32 | 26 |
| 27 | Nil | ·14 | Nil | Nil | ·05 | Nil | ·03 | Nil | ·02 | ·23 | ·03 | ·01 | 27 |
| 28 | Nil | ·01 | Nil | ·03 | Nil | Nil | ·02 | ·04 | ·01 | ·18 | Nil | ·03 | 28 |
| 29 | Nil | × | Nil | ·11 | Nil | Nil | ·63 | ·03 | Nil | ·27 | Nil | ·05 | 29 |
| 30 | ·06 | × | Nil | ·02 | Nil | Nil | ·08 | Nil | ·06 | ·02 | Nil | ·07 | 30 |
| 31 | ·05 | × | ·03 | × | Nil | × | Nil | ·02 | × | Nil | × | ·03 | 31 |
| TOTAL | 1·79 | 3·63 | 1·68 | ·87 | 1·98 | 1·94 | 1·87 | ·24 | 1·23 | 2·92 | 3·04 | 1·10 | YEAR'S TOTAL<br>22·39 |
| *Days with ·01 in. or more. | 15 | 19 | 13 | 11 | 15 | 11 | 15 | 12 | 12 | 17 | 20 | 19 | 179 |
| *Days with .04 in. or more. | 8 | 12 | 8 | 6 | 11 | 8 | 8 | 4 | 7 | 11 | 10 | 7 | 100 |

40-9999

*See Instruction 2 (f) on other side.

D

(Signed)

P.T.O.

3501

**Section** **A** **for the entry of Daily Observations.** COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Darlington, South Park

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·01 | ·12 | | | | | | | | ·14 | ·01 | 1 |
| 2 | ·11 | | ·13 | | | | | | | | ·67 | ·01 | 2 |
| 3 | ·01 | ·05 | ·30 | | ·38 | | | | | | ·47 | | 3 |
| 4 | ·20 | | | | ·05 | | | | | | ·01 | | 4 |
| 5 | | | ·03 | | ·18 | | | | | | | | 5 |
| 6 | | ·01 | | ·01 | ·27 | | | | | | | ·08 | 6 |
| 7 | | ·11 | | | ·03 | | | | ·01 | ·28 | | | 7 |
| 8 | ·02 | | ·11 | | ·01 | | ·19 | | | | | | 8 |
| 9 | | ·31 | ·01 | | | | ·15 | | | ·20 | ·02 | ·01 | 9 |
| 10 | ·01 | ·04 | | | | ·10 | ·12 | | | ·41 | ·03 | ·05 | 10 |
| 11 | ·01 | ·01 | | | ·05 | | ·01 | | | ·03 | | | 11 |
| 12 | ·02 | | | | | ·21 | ·03 | | | | | ·01 | 12 |
| 13 | | | ·01 | | ·11 | | ·09 | ·08 | ·04 | ·01 | ·08 | ·01 | 13 |
| 14 | ·21 | | | | | | ·01 | ·01 | | | ·41 | | 14 |
| 15 | ·46 | | ·02 | | | | ·31 | ·02 | | ·05 | ·24 | ·11 | 15 |
| 16 | ·39 | | ·08 | ·05 | ·21 | ·10 | ·03 | ·04 | | | ·27 | ·01 | 16 |
| 17 | ·19 | ·04 | ·05 | ·03 | ·01 | ·08 | | ·01 | ·02 | | ·41 | | 17 |
| 18 | ·02 | ·31 | ·06 | ·10 | | ·93 | | | | | ·10 | ·02 | 18 |
| 19 | | ·03 | ·73 | | | ·11 | ·15 | | | | ·02 | | 19 |
| 20 | | ·02 | | | | ·01 | | ·01 | ·18 | ·13 | ·03 | | 20 |
| 21 | | ·03 | | | | ·02 | | ·01 | ·02 | ·10 | ·03 | ·03 | 21 |
| 22 | | ·21 | | | | | | ·03 | ·20 | ·81 | | | 22 |
| 23 | | ·14 | | ·02 | ·21 | ·19 | | ·02 | ·11 | ·01 | ·01 | | 23 |
| 24 | | ·31 | | ·22 | ·30 | ·17 | ·02 | | ·21 | ·01 | ·04 | ·22 | 24 |
| 25 | | ·96 | | ·24 | ·01 | ·02 | | | ·35 | ·16 | ·01 | ·02 | 25 |
| 26 | | ·89 | | ·04 | ·11 | | | | | ·02 | ·02 | ·32 | 26 |
| 27 | | ·14 | | | ·05 | | ·03 | | ·02 | ·23 | ·03 | ·01 | 27 |
| 28 | | ·01 | | ·03 | | | ·02 | ·04 | ·01 | ·18 | | ·03 | 28 |
| 29 | | × | | ·11 | | | ·63 | ·05 | | ·27 | | ·05 | 29 |
| 30 | ·06 | × | | ·02 | | | ·08 | | ·06 | ·02 | | ·07 | 30 |
| 31 | ·05 | × | ·03 | × | | × | | ·02 | × | | × | ·03 | 31 |
| TOTAL | 1·79 | 3·63 | 1·68 | ·87 | 1·98 | 1·94 | 1·87 | ·34 | 1·23 | 2·92 | 3·04 | 1·10 | YEAR'S TOTAL 22·39 |
| *Days with ·01 in. or more. | 15 | 19 | 13 | 11 | 15 | 11 | 15 | 12 | 12 | 17 | 20 | 19 | 179 |
| *Days with ·04 in. or more. | 8 | 12 | 8 | 6 | 11 | 8 | 8 | 4 | 7 | 11 | 10 | 7 | 100 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) T. G. Morrison [P.T.O.

monthly Totals

ection **A** for the entry of Daily Observations. Station No. 350

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* South Park. Darlington
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·08 | · | · | · | · | · | · | ·10 | ·05 | ·02 | · | ·12 | | 1 |
| 2 | ·01 | ·02 | ·01 | · | · | · | · | ·21 | ·10 | · | ·03 | ·47 | | 2 |
| 3 | ·01 | ·03 | · | ·01 | · | · | · | · | · | ·17 | ·05 | ·05 | | 3 |
| 4 | ·02 | · | ·01 | ·05 | · | · | · | · | ·01 | ·05 | ·01 | ·52 | | 4 |
| 5 | · | · | · | ·07 | ·09 | · | · | ·16 | ·04 | ·01 | ·21 | ·51 | | 5 |
| 6 | ·01 | · | ·01 | · | ·47 | · | · | ·44 | ·03 | · | ·01 | ·31 | | 6 |
| 7 | ·01 | ·02 | ·02 | · | ·05 | ·12 | · | · | · | ·05 | · | ·21 | | 7 |
| 8 | · | · | · | · | ·11 | ·34 | · | ·03 | · | ·02 | · | ·07 | | 8 |
| 9 | ·02 | · | · | ·32 | · | · | · | ·02 | ·02 | ·01 | ·76 | ·09 | | 9 |
| 10 | ·02 | · | ·19 | ·05 | · | · | · | ·15 | · | · | ·29 | ·01 | | 10 |
| 11 | ·16 | · | ·25 | ·47 | · | · | · | | · | · | ·02 | ·07 | | 11 |
| 12 | · | · | ·40 | ·40 | · | · | ·07 | ·08 | · | · | ·03 | ·11 | | 12 |
| 13 | ·45 | · | ·04 | ·04 | · | · | ·61 | ·04 | ·01 | ·01 | ·01 | ·01 | | 13 |
| 14 | ·13 | · | ·16 | · | ·03 | · | ·04 | · | · | ·07 | ·03 | ·18 | | 14 |
| 15 | · | · | ·06 | · | ·11 | · | ·01 | ·02 | · | ·23 | ·08 | ·10 | | 15 |
| 16 | ·18 | · | ·13 | · | ·13 | ·13 | · | · | · | · | ·07 | ·02 | | 16 |
| 17 | ·05 | · | ·03 | · | ·02 | · | ·29 | · | ·23 | ·06 | ·01 | ·18 | | 17 |
| 18 | ·07 | · | · | ·08 | ·26 | ·16 | · | ·03 | · | · | · | ·03 | | 18 |
| 19 | · | · | ·08 | ·47 | ·02 | ·04 | ·01 | ·01 | ·03 | ·01 | · | ·01 | | 19 |
| 20 | · | · | ·07 | · | · | ·12 | · | ·04 | · | · | · | · | | 20 |
| 21 | · | · | · | · | · | ·46 | · | ·03 | ·16 | ·06 | · | · | | 21 |
| 22 | · | · | · | ·01 | · | ·08 | ·01 | ·30 | ·14 | ·03 | · | ·04 | | 22 |
| 23 | · | · | · | ·04 | ·02 | · | ·12 | · | · | ·18 | ·03 | ·03 | | 23 |
| 24 | · | · | ·07 | ·01 | · | ·08 | · | · | ·10 | ·34 | · | ·04 | | 24 |
| 25 | ·01 | · | ·01 | ·21 | ·01 | · | · | · | ·14 | ·23 | ·01 | ·54 | | 25 |
| 26 | ·14 | ·01 | · | ·43 | · | ·03 | ·01 | · | · | ·19 | · | ·03 | | 26 |
| 27 | · | Snow<br>·32 | · | ·05 | · | ·10 | · | · | ·02 | ·08 | · | ·14 | | 27 |
| 28 | | | | ·31 | · | · | · | ·17 | · | ·03 | · | ·30 | | 28 |
| 29 | | | ·01 | ·02 | · | · | ·04 | ·14 | ·43 | ·18 | · | ·03 | | 29 |
| 30 | ·12 | X | ·05 | · | · | · | ·18 | ·02 | ·02 | ·43 | · | ·02 | | 30 |
| 31 | ·02 | X | · | X | · | X | ·01 | ·42 | X | ·01 | X | ·04 | | 31 |
| TOTAL | 1·51 | ·40 | 1·60 | 3·04 | 1·32 | 1·66 | 1·40 | 2·41 | 1·53 | 2·47 | 1·65 | 4·28 | Year's Total<br>23·27 | |
| *Days with ·01 in. or more. | 18 | 5 | 18 | 18 | 12 | 11 | 12 | 19 | 16 | 23 | 16 | 29 | 197 | |
| *Days with .04 in. or more. | 9 | 1 | 11 | 14 | 7 | 10 | 7 | 13 | 9 | 14 | 6 | 20. | 120 | |

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40-9999
*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) J. W. Hilson

[P.T.O.

2 days agree

OFFICI

Station No.

AIR MINISTRY.—M ... RAINFALL ORGANIZATION

FORM 10

# REGISTER OF RAINFALL IN 1934.

*Kept at* Darlington, South Park

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | | | | | | | ·10 | ·05 | ·02 | | 12 | | 1 |
| 2 | ·01 | 02 | ·01 | | | | | ·21 | ·10 | | ·03 | 47 | | 2 |
| 3 | ·01 | ·03 | | ·01 | | | | | | ·17 | ·05 | 05 | | 3 |
| 4 | ·02 | | ·01 | 05 | | | | | ·01 | ·05 | ·01 | 52 | | 4 |
| 5 | | | | ·07 | ·09 | | | ·16 | ·04 | ·01 | ·21 | 51 | | 5 |
| 6 | ·01 | | ·01 | | ·47 | | | 44 | ·03 | | ·01 | 31 | | 6 |
| 7 | ·01 | ·02 | ·02 | | ·05 | ·12 | | | | 05 | | 21 | | 7 |
| 8 | | | | | ·11 | ·34 | | 03 | ·02 | | | 07 | | 8 |
| 9 | ·02 | | | ·32 | | | | ·02 | ·02 | ·01 | ·76 | 09 | | 9 |
| 10 | ·02 | | ·19 | ·05 | | | | ·15 | | | ·29 | 01 | | 10 |
| 11 | ·16 | | ·25 | ·47 | | | | | | | ·02 | 07 | | 11 |
| 12 | | | ·40 | ·40 | | | ·07 | ·08 | | | ·03 | 11 | | 12 |
| 13 | ·45 | | ·04 | ·04 | | | 61 | ·04 | ·01 | ·01 | ·01 | 01 | | 13 |
| 14 | ·13 | | ·16 | | ·03 | | ·04 | | | ·07 | ·03 | 18 | | 14 |
| 15 | | | 06 | | ·11 | | ·01 | ·02 | | ·23 | ·08 | 10 | | 15 |
| 16 | ·18 | | ·13 | | ·13 | ·13 | | | | | ·07 | 02 | | 16 |
| 17 | ·05 | | ·03 | | ·02 | | ·29 | | ·23 | ·06 | ·01 | 18 | | 17 |
| 18 | ·07 | | | ·08 | ·26 | ·16 | | ·03 | | | | 03 | | 18 |
| 19 | | | ·08 | ·47 | ·02 | ·04 | ·01 | ·01 | ·03 | ·01 | | 01 | | 19 |
| 20 | | | ·07 | | | ·12 | | ·04 | | | | | | 20 |
| 21 | | | | | | ·46 | | ·03 | ·16 | ·06 | | | | 21 |
| 22 | | | | ·01 | | ·08 | ·01 | ·30 | ·14 | ·03 | | 04 | | 22 |
| 23 | | | | ·04 | ·02 | | ·12 | | | ·18 | ·03 | 03 | | 23 |
| 24 | | | ·07 | ·01 | | ·08 | | | ·10 | ·34 | | 04 | | 24 |
| 25 | ·01 | | ·01 | ·21 | ·01 | | | | ·14 | ·23 | ·01 | 54 | | 25 |
| 26 | ·14 | ·01 | | ·43 | | ·03 | ·01 | | | ·19 | | 03 | | 26 |
| 27 | | ·32 | | ·05 | | ·10 | | | ·02 | ·08 | | 14 | | 27 |
| 28 | | | | ·31 | | | | ·17 | | ·03 | | 30 | | 28 |
| 29 | | X | ·01 | ·02 | | | ·04 | ·14 | ·43 | ·18 | | 03 | | 29 |
| 30 | ·12 | X | ·05 | | | | ·18 | ·02 | ·02 | ·43 | | 02 | | 30 |
| 31 | ·02 | X | | X | | X | ·01 | ·42 | X | ·01 | X | 04 | | 31 |
| TOTAL | 1·51 | ·40 | 1·60 | 3·04 | 1·32 | 1·66 | 1·40 | 2·41 | 1·53 | 2·47 | 1·65 | 4·28 | Year's Total<br>23·27 | |
| *Days with ·01 in. or more. | 18 | 5 | 18 | 18 | 12 | 11 | 12 | 19 | 16 | 23 | 16 | | | |
| *Days with .04 in. or more. | 9 | 1 | 11 | 14 | 7 | 10 | 7 | 12 | 9 | 14 | 6 | | | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) T. J. Morrison

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* South Park. Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ft.

see other record

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·60 | - | ·06 | ·03 | · | · | ·02 | · | ·53 | ·14 | ·04 | ·07 | | 1 |
| 2 | ·01 | ·01 | · | ·02 | · | ·03 | · | · | · | ·67 | ·03 | · | | 2 |
| 3 | · | ·53 | ·09 | ·10 | · | ·04 | · | · | ·06 | ·01 | ·23 | · | | 3 |
| 4 | · | ·01 | · | · | · | ·48 | · | · | · | ·83 | ·05 | · | | 4 |
| 5 | ·06 | ·24 | · | · | · | ·14 | · | · | · | ·49 | ·04 | · | | 5 |
| 6 | ·30 | ·03 | · | · | · | ·26 | · | · | ·24 | ·09 | - | · | | 6 |
| 7 | ·14 | · | · | ·06 | · | ·14 | · | · | · | ·08 | ·21 | ·07 | | 7 |
| 8 | ·01 | - | · | ·12 | · | ·05 | - | · | · | ·05 | ·04 | ·10 | | 8 |
| 9 | · | ·01 | ·01 | ·28 | ·01 | ·08 | · | · | · | ·43 | ·18 | ·04 | | 9 |
| 10 | · | ·05 | · | ·01 | · | ·12 | · | ·01 | · | ·06 | ·21 | · | | 10 |
| 11 | ·08 | ·01 | · | ·02 | - | ·01 | · | ·36 | · | ·03 | ·04 | ·06 | | 11 |
| 12 | · | ·01 | - | - | · | ·02 | - | · | ·02 | · | · | · | | 12 |
| 13 | ·11 | ·02 | · | ·03 | ·15 | ·01 | ·32 | · | ·10 | · | · | ·01 | | 13 |
| 14 | · | · | ·01 | ·17 | ·12 | ·05 | ·17 | · | ·04 | · | ·36 | ·11 | × | 14 Snow |
| 15 | · | ·04 | · | ·34 | ·11 | · | · | · | ·28 | ·03 | ·14 | ·09 | × | 15 " |
| 16 | ·01 | ·24 | ·10 | ·06 | · | ·04 | ·02 | ·03 | ·21 | · | ·45 | ·07 | × | 16 " |
| 17 | · | ·02 | · | ·08 | Snow ·20 | ·18 | · | ·30 | ·01 | ·01 | 1·04 | ·02 | | 17 |
| 18 | ·04 | · | · | ·02 | ·02 | ·05 | ·05 | ·02 | ·08 | ·14 | ·06 | ·03 | | 18 |
| 19 | ·02 | ·02 | · | ·03 | ·01 | ·21 | ·10 | · | · | ·08 | ·18 | - | | 19 |
| 20 | ·01 | ·09 | · | ·16 | · | ·08 | - | · | · | · | ·06 | · | | 20 |
| 21 | · | ·03 | · | ·75 | · | · | - | – | { · } | ·09 | ·09 | · | | 21 |
| 22 | · | ·19 | ·10 | ·17 | · | · | - | - | ·26 | - | ·03 | · | | 22 |
| 23 | - | · | ·06 | ·02 | - | - | · | · | (1·21) | ·14 | Snow ·07 | ·24 | | 23 |
| × Snow 25 | ·12 | ·04 | · | - | · | ·05 | - | ·02 | - | · | ·02 | ·10 | | 25 |
| 24 | ·06 | ·74 | ·09 | ·01 | · | - | · | ·33 | · | ·07 | · | ·08 | | 24 |
| " 26 × | ·31 | - | · | · | · | · | ·15 | ·87 | ·34 | ·01 | ·01 | ·21 | | 26 |
| " 27 × | ·16 | ·14 | · | · | · | · | · | - | ·27 | · | ·10 | ·02 | | 27 |
| 28 | ·02 | ·07 | - | - | · | · | · | ·09 | ·05 | ·27 | ·01 | ·08 | | 28 |
| 29 | · | - | ·04 | · | · | ·03 | · | ·17 | ·05 | ·08 | ·08 | ·01 | | 29 |
| 30 | · | × | ·01 | · | · | ·32 | · | ·16 | ·61 | ·17 | ·32 | ·36 | | 30 |
| 31 | ·01 | × | · | × | · | × | · | ·03 | × | ·01 | × | ·06 | | 31 |
| TOTAL | 2·07 | 2·54 | ·57 | 2·48 | ·62 | 2·39 | 1·05 | 2·39 | 5·36 | 3·92 | 4·03 | 1·77 | Year's Total. 29·19 | |
| * Days with .01 in. or more. | 18 | 21 | 10 | 20 | 7 | 21 | 7 | 12 | 17 | 23 | 26 | 20 | 202 | |
| * Days with .04 in. or more. | 11 | 11 | 7 | 11 | 4 | 16 | 5 | 7 | 15 | 16 | 20 | 14 | 137 | |

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Darlington, South Park
*in the County of* Durham
Diameter of Funnel of Gauge............in.
Height of top of Gauge above Ground............ft............in.
,, Ground ,, Sea Level............ft.

Sept. 3 days entered on W.D. by [illegible]

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·60 | | ·06 | ·03 | | | ·02 | | ·53 | ·14 | ·04 | ·07 | | 1 |
| 2 | ·01 | ·01 | | ·02 | | ·03 | | | | ·67 | ·03 | | | 2 |
| 3 | | ·53 | ·09 | ·10 | | ·04 | | | ·06 | ·01 | ·23 | | | 3 |
| 4 | | ·01 | | | | ·48 | | | | ·83 | ·05 | | | 4 |
| 5 | ·06 | ·24 | | | | ·14 | | | ·24 | ·49 | ·04 | | | 5 |
| 6 | ·30 | ·03 | | | | ·26 | | | [illegible] | ·09 | | | | 6 |
| 7 | ·14 | | | ·06 | | ·14 | | | | ·08 | ·21 | ·07 | | 7 |
| 8 | ·01 | | | ·12 | | ·05 | | | | ·05 | ·04 | ·10 | | 8 |
| 9 | | ·01 | ·01 | ·28 | ·01 | ·08 | | | | ·43 | ·18 | ·04 | | 9 |
| 10 | | ·05 | | ·01 | | ·12 | | ·01 | | ·06 | ·21 | | | 10 |
| 11 | ·08 | ·01 | | ·02 | | ·01 | | ·36 | | ·03 | ·04 | ·06 | | 11 |
| 12 | | ·01 | | | | ·02 | | | ·02 | | | | | 12 |
| 13 | ·11 | ·02 | | ·03 | ·15 | ·01 | ·54 | | ·10 | | | ·01 | | 13 |
| 14 | | | ·01 | ·17 | ·12 | ·05 | ·17 | | ·04 | | ·36 | ·11 | | 14 |
| 15 | | ·04 | | ·34 | ·11 | | | | ·28 | ·03 | ·14 | ·09 | | 15 |
| 16 | ·01 | ·24 | ·10 | ·06 | | ·04 | ·02 | ·03 | ·21 | | ·45 | ·01 | | 16 |
| 17 | | ·02 | | ·08 | ·20 | ·18 | | ·30 | ·01 | ·01 | 1·04 | ·02 | | 17 |
| 18 | ·04 | | | ·02 | ·02 | ·05 | ·05 | ·02 | ·08 | ·14 | ·06 | ·03 | | 18 |
| 19 | ·02 | ·02 | | ·03 | ·01 | ·21 | ·10 | | | ·08 | ·18 | | | 19 |
| 20 | ·01 | ·09 | | ·16 | | ·08 | | | | | ·06 | | | 20 |
| 21 | | ·03 | | ·75 | | | | | 1·26 | ·09 | ·09 | | | 21 |
| 22 | | ·19 | ·10 | ·17 | | | | | [illegible] | | ·03 | | | 22 |
| 23 | | | ·06 | ·02 | | | | | [illegible] | ·14 | ·01 | ·24 | | 23 |
| 24 | ·06 | ·74 | ·09 | ·01 | | | | ·33 | 1·21 | ·01 | | ·08 | | 24 |
| 25 | ·12 | ·04 | | | | ·05 | | ·02 | | | ·02 | ·10 | | 25 |
| 26 | ·31 | | | | | | ·15 | ·87 | ·34 | ·01 | ·01 | ·21 | | 26 |
| 27 | ·16 | ·14 | | | | | | | ·27 | | ·10 | ·02 | | 27 |
| 28 | ·02 | ·07 | | | | | | ·09 | ·05 | ·27 | ·01 | ·08 | | 28 |
| 29 | | × | ·04 | | | ·03 | | ·17 | ·05 | ·08 | ·08 | ·01 | | 29 |
| 30 | | × | ·01 | | | ·32 | | ·16 | ·61 | ·17 | ·32 | ·36 | | 30 |
| 31 | ·01 | × | | × | | × | | ·03 | × | ·01 | × | ·06 | | 31 |
| TOTAL | 2·07 | 2·54 | ·57 | 2·48 | ·62 | 2·39 | 1·05 | 2·39 | 5·36 | 3·92 | 4·03 | 1·77 | Year's Total<br>29·19 | |
| *Days with ·01 in. or more. | 18 | 21 | 10 | 20 | 7 | 21 | 7 | 12 | 17 | 23 | 26 | 20 | 202 | |
| *Days with ·04 in. or more. | 11 | 11 | 7 | 11 | 4 | 16 | 5 | 7 | 15 | 16 | 20 | 14 | 137 | |

40-9999
*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) J. J. Morrison

[P.T.O.

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Darlington, South Park

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft. ........ in.

,, Ground ,, Sea Level 150 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | ·15 | ·26 | ·04 | | ·07 | ·03 | ·27 | – | – | ·03 | ·01 | | 1 |
| 2 | ·01 | | ·03 | ·01 | | ·24 | ·12 | ·02 | – | – | ·01 | ·06 | | 2 |
| 3 | | ·05 | ·02 | | | 1·04 | | | – | ·01 | - | – | | 3 |
| 4 | ·14 | ·01 | ·03 | | | ·14 | | ·41 | – | – | ·01 | – | | 4 |
| 5 | ·07 | | | | | ·03 | | ·24 | – | ·05 | ·02 | ·03 | | 5 |
| 6 | ·04 | | | | ·03 | | ·02 | ·61 | ·49 | – | ·18 | ·01 | | 6 |
| 7 | ·06 | | ·02 | | ·01 | | ·28 | | ·01 | – | ·07 | – | | 7 |
| 8 | ·11 | | ·25 | | | | | | – | ·06 | ·05 | – | | 8 |
| 9 | ·56 | | ·37 | | ·04 | ·03 | 1·21 | | – | ·10 | ·10 | – | | 9 |
| 10 | ·03 | | ·01 | ·02 | | | ·02 | | – | – | ·02 | - | | 10 |
| 11 | | | | ·15 | | | ·02 | ·17 | ·04 | – | ·85 | ·01 | | 11 |
| 12 | | | | ·26 | ·09 | ·43 | ·04 | ·06 | ·28 | – | ·18 | – | | 12 |
| 13 | | | | ·16 | ·03 | ·11 | | | – | ·15 | ·04 | ·59 | | 13 |
| 14 | | | | ·18 | | ·23 | ·05 | ·08 | 1·47 | – | ·02 | ·65 | | 14 |
| 15 | ·08 | | | ·17 | ·03 | ·08 | ·26 | ·04 | ·19 | ·02 | ·06 | ·01 | | 15 |
| 16 | ·03 | | | ·01 | | ·09 | ·01 | | – | ·01 | ·32 | ·04 | | 16 |
| 17 | | ·41 | | | ·05 | | | | – | ·04 | ·36 | ·02 | | 17 |
| 18 | | ·06 | | ·15 | | | ·01 | ·14 | – | ·07 | ·03 | ·01 | | 18 |
| 19 | ·48 | ·16 | ·01 | | | | ·20 | ·02 | – | ·02 | ' | ·02 | | 19 |
| 20 | ·07 | ·06 | | ·01 | ·02 | ·02 | ·18 | | – | ·01 | ' | – | | 20 |
| 21 | | | | | | ·26 | ·01 | | – | – | - | ·04 | | 21 |
| 22 | | ·31 | ·02 | ·01 | ·03 | ·31 | ·02 | | – | – | · | – | | 22 |
| 23 | | ·03 | | | ·09 | | ·53 | | – | – | · | – | | 23 |
| 24 | ·07 | ·14 | ·01 | | ·83 | | | | ·39 | ·04 | · | – | | 24 |
| 25 | ·36 | | ·75 | | | | ·03 | | ·74 | ·10 | · | – | | 25 |
| 26 | | ·09 | ·09 | | | | ·04 | | ·07 | ·25 | ·02 | – | | 26 |
| 27 | ·09 | ·03 | | | | | ·14 | | ·17 | ·15 | ·03 | – | | 27 |
| 28 | ·21 | ·75 | ·02 | | | | ·05 | | ·05 | – | ·01 | – | | 28 |
| 29 | ·46 | ·84 | ·09 | | ·65 | ·58 | ·02 | | – | – | ·04 | ·01 | | 29 |
| 30 | ·02 | × | ·01 | | ·03 | ·59 | ·46 | | – | 30 | ·02 | – | | 30 |
| 31 | ·01 | × | ·03 | × | ·01 | × | ·01 | | × | [illegible] | × | ·05 | | 31 |
| TOTAL | 2·96 | 3·09 | 2·02 | 1·17 | 1·94 | 4·25 | 3·76 | 2·06 | 3·90 | 1·38 | 2·47 | 1·56 | Year's Total 30·56 | |
| * Days with .01 in. or more. | 20 | 14 | 17 | 12 | 14 | 16 | 24 | 11 | 11 | 16 | 22 | 15 | 192 | |
| * Days with .04 in. or more. | 15 | 11 | 6 | 7 | 6 | 13 | 13 | 9 | 10 | 11 | 11 | 6 | 118 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. J. Morrison

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Darlington, South Park

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level .................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | ·03 | ·02 | – | – | – | – | ·01 | ·21 | ·03 | ·01 | ·34 | | 1 |
| 2 | ·01 | ·05 | – | ·65 | – | ·08 | – | – | | – | – | ·37 | | 2 |
| 3 | – | ·07 | ·01 | ·05 | – | ·12 | ·83 | ·02 | | – | – | ·16 | | 3 |
| 4 | ·03 | ·02 | ·09 | ·20 | ·02 | – | ·03 | ·03 | | – | – | ·18 | | 4 |
| 5 | ·02 | – | ·08 | ·01 | ·03 | – | ·02 | – | ·01 | ·01 | – | ·19 | | 5 |
| 6 | ·02 | – | ·05 | ·02 | ·10 | – | – | ·03 | ·01 | ·01 | ·08 | ·12 | | 6 |
| 7 | – | ·20 | ·20 | ·07 | ·07 | – | ·08 | – | | – | ·03 | ·11 | | 7 |
| 8 | – | ·39 | ·08 | ·02 | – | ·04 | ·12 | ·02 | | – | – | ·24 | | 8 |
| 9 | – | ·01 | – | ·11 | ·03 | – | ·24 | ·03 | | – | ·02 | ·10 | | 9 |
| 10 | – | ·09 | ·01 | ·01 | ·24 | ·06 | ·04 | – | | – | ·21 | ·19 | | 10 |
| 11 | – | – | 1·12 | ·02 | ·11 | – | – | – | | – | – | ·33 | | 11 |
| 12 | ·18 | ·33 | ·37 | ·21 | ·02 | ·32 | – | ·01 | ·12 | – | – | ·35 | | 12 |
| 13 | ·01 | ·06 | ·02 | ·05 | – | ·12 | – | ·01 | ·05 | – | – | *·06 | | 13 |
| 14 | – | ·01 | ·03 | ·01 | – | ·04 | – | ·41 | ·01 | – | – | ·38 | | 14 |
| 15 | ·16 | ·46 | – | ·14 | – | – | ·11 | ·08 | ·03 | – | | ·20 | | 15 |
| 16 | ·04 | ·17 | ·26 | ·41 | – | ·01 | – | ·04 | ·01 | – | – | ·23 | | 16 |
| 17 | ·23 | ·02 | ·17 | ·08 | ·01 | ·02 | – | – | ·46 | – | – | ·04 | | 17 |
| 18 | ·03 | ·02 | ·04 | ·02 | – | ·10 | ·03 | ·08 | | – | ·31 | | | 18 |
| 19 | ·02 | ·04 | ·05 | – | – | ·12 | – | ·01 | ·02 | – | ·86 | | | 19 |
| 20 | ·18 | – | ·02 | ·19 | ·82 | – | – | – | ·03 | – | – | ·01 | | 20 |
| 21 | ·01 | ·02 | ·03 | ·07 | ·09 | – | ·01 | – | | ·02 | – | ·10 | | 21 |
| 22 | ·01 | – | ·06 | – | ·02 | – | ·28 | – | | ·18 | ·04 | | | 22 |
| 23 | ·35 | – | ·02 | – | ·61 | – | ·19 | – | | ·67 | ·08 | | | 23 |
| 24 | ·28 | ·01 | – | – | ·03 | – | ·08 | – | | ·26 | ·01 | | | 24 |
| 25 | ·19 | ·19 | – | – | – | – | ·01 | ·15 | | ·25 | – | | | 25 |
| 26 | ·08 | ·21 | ·01 | – | ·45 | – | – | – | ·03 | – | ·02 | ·04 | | 26 |
| 27 | ·01 | ·56 | ·05 | ·16 | – | – | ·02 | – | | ·28 | ·01 | ·01 | | 27 |
| 28 | ·16 | ·11 | – | – | – | – | – | – | | – | – | ·02 | | 28 |
| 29 | ·28 | × | – | – | – | ·03 | – | – | | ·14 | ·06 | ·08 | | 29 |
| 30 | ·12 | × | – | – | – | ·05 | – | – | | ·02 | ·11 | | | 30 |
| 31 | ·53 | × | – | × | – | × | – | ·01 | × | ·18 | × | ·02 | | 31 |
| TOTAL | 2·97 | 3·07 | 2·79 | 2·50 | 2·65 | 1·11 | 2·09 | ·94 | ·99 | 2·05 | 1·85 | 3·87 | Year's Total 26·88 | |
| * Days with .01 in. or more. | 24 | 22 | 22 | 20 | 15 | 13 | 15 | 15 | 12 | 12 | 14 | 24 | 208 | |
| * Days with .04 in. or more. | 13 | 14 | 13 | 13 | 8 | 10 | 9 | ~~10~~ 5 | 4 | 7 | 8 | 20 | 124 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ..............................................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Darlington South Park

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 150 ft.

Copy by B.R.O.

Get total corrected for arithmetic.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·01 | ·03 | | | | 1·62 | ·26 | ·01 | ·03 | — | ·12 | ·14 | | 1 |
| 2 | ·09 | | | | | ·14 | ·18 | — | ·07 | ·22 | ·10 | ·04 | | 2 |
| 3 | ·02 | | | | | ·02 | ·06 | — | ·03 | 1·04 | ·10 | — | | 3 |
| 4 | ·04 | | | | | ·03 | ·11 | — | ·01 | ·19 | — | ·27 | | 4 |
| 5 | ·01 | | ·02 | | | | ·22 | ·70 | ·02 | ·02 | — | — | | 5 |
| 6 | ·07 | ·02 | ·02 | | | ·03 | ·08 | ·01 | — | ·03 | — | ·03 | | 6 |
| 7 | ·16 | | ·01 | | | | ·46 | ·03 | 14 | ·14 | — | — | | 7 |
| 8 | ·25 | | | | | | ·42 | ·06 | — | 56 | — | ·07 | | 8 |
| 9 | ·09 | ·11 | | | | ·09 | ·02 | ·02 | — | ·01 | — | ·38 | | 9 |
| 10 | | | | | | ·31 | ·02 | — | — | ·01 | ·02 | ·02 | | 10 |
| 11 | ·08 | | | | ·05 | ·02 | — | — | — | ·08 | ·08 | ·07 | | 11 |
| 12 | ·20 | ·15 | | | ·07 | | — | ·05 | — | ·31 | ·16 | — | | 12 |
| 13 | ·05 | ·18 | | | ·01 | | — | — | 19 | — | ·36 | ·05 | | 13 |
| 14 | ·35 | ·02 | | | ·06 | | — | — | — | — | ·01 | ·02 | | 14 |
| 15 | ·13 | ·04 | ·02 | | | | ·42 | ·06 | — | ·06 | — | ·41 | | 15 |
| 16 | ·23 | ·02 | | | 24 | | ·17 | ·05 | ·24 | — | ·11 | ·29 | | 16 |
| 17 | ·01 | | | | ·12 | | — | — | ·03 | ·14 | — | ·03 | | 17 |
| 18 | ·04 | ·03 | | | ·03 | ·01 | — | ·03 | ·03 | ·15 | ·35 | ·02 | | 18 |
| 19 | | ·01 | | | ·02 | | — | ·21 | ·16 | — | — | ·25 | | 19 |
| 20 | ·01 | | ·01 | | | | — | ·09 | ·03 | — | ·12 | ·21 | | 20 |
| 21 | | | ·02 | | | | — | ·07 | — | — | ·03 | ·11 | | 21 |
| 22 | | ·02 | | | | ·10 | — | — | — | — | ·21 | ·18 | | 22 |
| 23 | | | ·01 | | 19 | ·05 | — | — | 06 | — | ·12 | ·15 | | 23 |
| 24 | ·01 | | ·01 | | ·01 | | ·02 | ·62 | ·35 | ·04 | ·04 | ·02 | | 24 |
| 25 | | ·02 | | | ·05 | | — | ·02 | ·02 | ·40 | ·32 | ·14 | | 25 |
| 26 | | ·53 | | | ·02 | ·05 | — | — | ·05 | ·08 | — | ·01 | | 26 |
| 27 | ·02 | ·02 | ·04 | ·05 | ·31 | ·12 | ·21 | ·16 | ·01 | ·05 | ·01 | — | | 27 |
| 28 | ·05 | | | | ·49 | ·41 | — | ·05 | ·02 | ·02 | — | ·07 | | 28 |
| 29 | ·02 | X | | ·03 | ·64 | | — | — | — | ·01 | ·23 | — | | 29 |
| 30 | ·03 | ✗ | | | ·06 | ·04 | ·02 | — | ·60 | — | ·17 | ·01 | | 30 |
| 31 | ·09 | ✗ | | ✗ | 14 | ✗ | — | ·02 | ✗ | ·04 | ✗ | ·69 | | 31 |
| TOTAL | 2·06 | 1·20 | ·16 | ·08 | 2·51 | 3·04 | 2·67 | 2·26 | 2·09 | 3 ~~2~~·63 | 2·66 | 3·68 | Year's Total 26·04 | ✓ |
| * Days with .01 in. or more. | 24 | 14 | 9 | 2 | 17 | 15 | 15 | 18 | 19 | 21 | 19 | 25 | 198 | ✓ |
| * Days with .04 in. or more. | 15 | 5 | 1 | 1 | 12 | 10 | 11 | 11 | 9 | 15 | 15 | 17 | 122 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) T. S. Morrison.

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Darlington, South Park

*in the County of* Durham X

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 150 ft.

9.12.39 Reminder sent for July return. X
28.3.40 July figures entered

**Copy by B.R.O.**

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the **Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in.✓ | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | 46 | – | ·09 | ·04 | – | – | ·16 | ·02 | ·01 | ·54 | ·01 | – | | 1 |
| 2 | ·06 | – | – | – | – | – | | ·72 | ·78✓ | 08 | ·03 | ·03 | | 2 |
| 3 | – | – | ·02 | ·10 | – | – | ·01 | 17 | – | ·02 | ·14 | ·04 | | 3 |
| 4 | ·19 | – | – | ·04 | – | – | ·26 | – | – | – | ·06 | ·19 | | 4 |
| 5 | – | – | – | – | 04 | – | ·31 | ·42 | ·08 | ·06 | ·32 | ·26 | | 5 |
| 6 | 26 | – | – | – | ·03 | – | ·26 | – | 0– | ·03 | – | ·03 | | 6 |
| 7 | ·04 | ·02 | ·09 | – | ·04 | – | | – | ·02 | – | ·09 | – | | 7 |
| 8 | ·03 | ·06 | ·07 | – | – | – | ·16 | ·03 | – | – | ·04 | – | | 8 |
| 9 | ·10 | ·02 | – | – | – | – | ·15 | ·16 | ·02 | ·84 | – | ·49 | | 9 |
| 10 | ·27 | –✓ | ·06 | – | – | ·04 | | ·09 | ·06 | ·04 | – | – | | 10 |
| 11 | ·38 | – | ·28 | – | 02 | ·14 | ·01 | – | ·02 | ·32 | ·06 | ·02 | | 11 |
| 12 | – | ·06 | – | – | – | ·02 | ·01 | – | – | 1·02 | ·01 | – | | 12 |
| 13 | 02 | – | ·01 | ·07 | ·12 | ·01 | ·01 | – | ·07 | ·23 | ·05 | – | | 13 |
| 14 | ·47 | – | ·03 | ·06 | ·10 | ·53 | ·15 | – | ·03 | – | ·37 | – | | 14 |
| 15 | ·24 | – | – | – | ·03 | ·42 | ·31 | – | ·01 | ·08 | ·03 | – | | 15 |
| 16 | ·12 | – | ·09 | – | 65✓ | – | ·04 | – | – | – | ·04 | ·08 | | 16 |
| 17 | ·21 | – | – | ·08 | – | – | ·51 | – | – | –✓ | – | ·02 | | 17 |
| 18 | 36 | 02 | ·03 | – | – | ·46 | ·11 | – | ·03 | ·18 | ·58 | ·03 | | 18 |
| 19 | ·12 | – | – | – | – | ·17 | | – | ·02 | ·05 | – | ·01 | | 19 |
| 20 | ·02 | – | – | – | | ·04 | | 18 | ·06 | – | – | ·02 | | 20 |
| 21 | ·16 | ·16 | ·03 | ·01 | – | ·01 | ·01 | ·04 | – | – | – | ·01 | | 21 |
| 22 | ·21 | ·19 | ·01 | ·09 | – | – | ·03 | – | ·07 | – | – | ·02 | | 22 |
| 23 | ·02 | ·01 | ·03 | ·16 | – | ·06 | | – | – | – | ·03 | – | | 23 |
| 24 | – | ·02 | ·09 | ·19 | – | ·04 | | ·06 | – | – | ·02 | 03 | | 24 |
| 25 | ·53 | ·01 | ·05 | – | – | ·05 | | ·10 | – | – | – | ·04 | | 25 |
| 26 | ·09 | ·01 | ·06 | – | – | ·02 | | 09 | – | ·76 | ·03 | – | | 26 |
| 27 | ·14 | ·31 | ·72 | ·03 | – | ·10 | ·06 | ·86 | – | ·31 | ·04 | ·03 | | 27 |
| 28 | ·27 | ·19 | ·38 | ·08 | – | ·12 | ·10 | ·07 | – | ·02 | ·24 | – | | 28 |
| 29 | ·01 | | ·05 | – | – | ·02 | ·52 | – | – | ·56 | ·02 | – | | 29 |
| 30 | ·02 | | – | – | – | ·21 | ·06 | 11 | – | ·16 | ·08 | – | | 30 |
| 31 | ·01 | | – | | – | | ·10 | 01 | | ·05 | | – | | 31 |
| TOTAL | 4·81 | 1·08 | 2·19 | ·95 | 103 | 2·46 | 3·34 | 3·13 | 1·28 | 5·35 | 2·29 | 1·30 | Year's Total<br>~~29·26~~ | 29·21 |
| * Days with .01 in. or more. | 27 | 13 | 19 | 12 | 8 | 18 | 22 | 16 | 14 | 19 | 21 | 17 | 206 | |
| * Days with .04 in. or more. | 20 | 6 | 12 | 10 | 5 | 13 | 16 | 13 | 6 | 16 | 13 | 5 | 135 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................................

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3501

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]0

# REGISTER OF RAINFALL IN 19~~3~~40

Kept at Darlington, South Park.
in the County of Durham.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 150 ft.

Letter sent for missing Feb–April entries.

BRITISH RAINFALL ORGANIZATION.

Dec. copied from observer's 1090.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·27 | – | – | – | – | – | – | – | – | ·03 | ·01 | | 1 |
| 2 | – | ·03 | – | ·11 | – | – | – | – | – | – | ·24 | ·03 | | 2 |
| 3 | 03 | ·02 | – | ·07 | – | – | ·03 | – | – | 06 | – | ·01 | | 3 |
| 4 | – | ·21 | – | – | – | – | ·38 | – | – | ·04 | ·08 | ·04 | | 4 |
| 5 | – | – | – | – | ·19 | – | ·21 | – | – | ·01 | – | ·23 | | 5 |
| 6 | 02 | ·06 | – | – | – | – | – | – | – | ·62 | ·04 | ·04 | | 6 |
| 7 | ·05 | ·28 | – | ·03 | ·06 | – | ·01 | – | – | ·02 | – | – | | 7 |
| 8 | – | ·02 | – | – | – | – | ·01 | ·06 | – | ·14 | – | ·11 | | 8 |
| 9 | – | – | ·14 | – | – | – | ·56 | – | 05 | ·08 | ·45 | ·03 | | 9 |
| 10 | – | – | ·06 | – | – | – | ·68 | ·07 | – | – | ·04 | – | | 10 |
| 11 | – | ·09 | ·04 | – | – | ·03 | 75 | – | ·04 | – | ·22 | – | | 11 |
| 12 | – | ·15 | ·64 | – | – | ·01 | ·02 | – | ·12 | – | ·01 | – | | 12 |
| 13 | – | ·05 | ·09 | – | – | – | – | – | ·04 | – | – | – | | 13 |
| 14 | ·03 | – | – | ·04 | ·10 | – | ·37 | – | – | 04 | – | 17 | | 14 |
| 15 | ·06 | – | ·02 | ·02 | ·16 | – | – | – | ·01 | – | ·07 | – | | 15 |
| 16 | – | – | – | – | – | – | ·14 | – | ·41 | ·37 | ·05 | – | | 16 |
| 17 | – | – | ·28 | – | – | – | 1·44 | – | 03 | ·03 | ·53 | ·03 | | 17 |
| 18 | – | ·10 | ·08 | ·49 | – | – | ·04 | ·38 | ·14 | – | ·19 | ·05 | | 18 |
| 19 | – | – | – | ·05 | – | – | ·11 | – | ·01 | – | ·27 | ·03 | | 19 |
| 20 | – | ·09 | – | ·10 | – | – | ·09 | ·22 | – | ·02 | ·04 | ·01 | | 20 |
| 21 | ·21 | – | ·04 | ·01 | – | ·26 | – | – | ·02 | ·10 | ·42 | – | | 21 |
| 22 | ·04 | – | – | – | ·07 | ·03 | ·21 | – | ·19 | ·16 | ·01 | – | | 22 |
| 23 | – | – | ·03 | ·10 | – | – | ·14 | – | – | ·04 | ·03 | ·02 | | 23 |
| 24 | 07 | – | – | ·07 | – | – | – | – | ·03 | 16 | ·04 | ·07 | | 24 |
| 25 | ·01 | ·03 | – | – | – | – | – | – | – | 06 | ·01 | – | | 25 |
| 26 | ·48 | ·02 | – | – | – | ·02 | 1·12 | – | ·03 | ·02 | – | – | | 26 |
| 27 | ·30 | ·08 | – | – | – | – | – | ·01 | – | ·05 | – | – | | 27 |
| 28 | ·05 | ·57 | ·05 | – | ·15 | – | – | ·06 | – | – | – | ·03 | | 28 |
| 29 | ·03 | – | ·22 | – | – | – | – | – | – | 05 | – | ·17 | | 29 |
| 30 | ·14 | × | ·01 | – | – | – | ·03 | – | – | ·49 | – | ·54 | | 30 |
| 31 | ·28 | × | ·02 | × | – | × | – | – | × | 31 | × | ·31 | | 31 |
| TOTAL | 1·80 | 2·07 | 1·72 | 1·09 | ·73 | ·35 | 6·34 | ·80 | 1·12 | 2·87 | 2·77 | 1·93 | Year's Total<br>23·59 | |
| * Days with .01 in. or more. | 15 | 16 | 14 | 11 | 6 | 5 | 19 | 6 | 13 | 21 | 19 | 19 | 164 | |
| * Days with .04 in. or more. | 10 | 11 | 10 | 8 | 6 | 1 | 14 | 5 | 7 | 16 | 14 | 10 | 112 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) T. J. MORRISON, Esq. [P.T.O.

DARLINGTON

**Section** A for the entry o

AIR MINIST

FORM 1090

REGI

ation No. 3501/7

L ORGANIZATION

9

Kept at Corporation Water

in the County of ~~Recorder Ga~~ Durham

Diameter of Funnel of Gauge Che

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEASUR

*An observer who does not conform*

*year in the space on the right of th*

Ple

DAY

*llowing*

96/36

Jan. 1, following

3501/7

DARLINGTON CORPORATION W.W.

1939 -40

780701

| Date | Jan. | Feb. | Mar. | A |  |  |  |  |  |  |  | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. |  |  |  |  |  |  |  |  | in. | † |  |
| 1 | .355 | - | .08 | .01 | - | - | .18 | .055 | - | .44 | - | - |  | 1 |
| 2 | .22 | - | - | .02 | - | - | .02 | .705 | .14 | .1 | .05 | .043 |  | 2 |
| 3 | - | - | .022 | .1 | - | - | .008 | .135 | .84 | .005 | .23 | .04 |  | 3 |
| 4 | .14 | - | .29 | .06 | - | - | .21 | - | - | .005 | .02 | .10 |  | 4 |
| 5 | .03 | - | - | - | .03 | - | .31 | .37 | .36 | .065 | .32 | .16 |  | 5 |
| 6 | .18 | - | - | - | .01 | - | .26 | - | - | .025 | .02 | - |  | 6 |
| 7 | - | .01 | .12 | - | .05 | - | - | - | - | .02 | .06 | .025 |  | 7 |
| 8 | .062 | .05 | .10 | - | - | - | .13 | - | - | - | .04 | .37 |  | 8 |
| 9 | .14 | .012 | - | - | - | - | .15 | .17 | .025 | 1.01 | - | .12 |  | 9 |
| 10 | .27 | - | .03 | - | - | .07 | - | .07 | .05 | .02 | - | - |  | 10 |
| 11 | .375 | - | .26 | - | .02 | .12 | - | .013 | - | .315 | .07 | - |  | 11 |
| 12 | - | .08 | - | - | - | .01 | trace | - | .005 | .91 | .015 | .02 |  | 12 |
| 13 | .012 | - | trace | .04 | .11 | .01 | .01 | - | .39 | .17 | .03 | - |  | 13 |
| 14 | .43 | - | .22 | .02 | .07 | .49 | .3 | - | .005 | .199 | .25 | - |  | 14 |
| 15 | .31 | - | .01 | - | .025 | .33 | .37 | - | .005 | .03 | .03 | .015 |  | 15 |
| 16 | .10 | - | .08 | - | .49 | - | .1 | - | - | - | .02 | - |  | 16 |
| 17 | .24 | - | - | .07 | .015 | .005 | .27 | - | - | - | - | - |  | 17 |
| 18 | .24 | .01 | .05 | - | - | .35 | .13 | - | trace | .135 | .61 | - |  | 18 |
| 19 | .11 | - | trace | - | - | .15 | .01 | - | .005 | - | - | .01 |  | 19 |
| 20 | - | - | - | - | - | .03 | - | - | .045 | .01 | - | - |  | 20 |
| 21 | .17 | .015 | .018 | .01 | - | - | - | .2 | .008 | - | - | - |  | 21 |
| 22 | .2 | .245 | - | .07 | - | - | - | .01 | .02 | - | trace | - |  | 22 |
| 23 | .01 | - | - | .115 | - | .06 | - | - | .01 | - | trace | - |  | 23 |
| 24 | .1 | .015 | .06 | .23 | - | .02 | - | - | - | - | - | - |  | 24 |
| 25 | .49 | trace | .04 | - | - | .01 | - | .06 | - | .075 | .08 | .03 |  | 25 |
| 26 | .07 | .01 | .062 | .06 | - | - | - | .14 | .017 | .59 | .04 | - |  | 26 |
| 27 | .075 | .26 | .6 | .009 | - | .08 | .12 | .47 | - | .235 | .05 | - |  | 27 |
| 28 | .2 | .2 | .41 | .09 | - | .13 | .03 | .09 | - | .005 | .23 | .01 |  | 28 |
| 29 | - | X | .02 | - | - | .025 | .4 | .01 | - | .57 | .01 | - |  | 29 |
| 30 | .02 | ☒ | - | - | - | .19 | .04 | - | - | .155 | .09 | - |  | 30 |
| 31 | - | ☒ | trace | ☒ | - | ☒ | .105 | .12 | ☒ | .04 | ☒ | - |  | 31 |
| TOTAL | 5<br>4.5~~49~~" | 1<br>.9~~67~~" | 2.47~~1~~" | .90~~1~~" | .820" | 2.080" | 3.15~~1~~" | 2<br>2.6~~18~~" | 1.930" | 3<br>5.1~~39~~" | 7<br>2.2~~65~~" | 1.34~~1~~" | Year's Total<br>28.4~~5~~7 |  |
| * Days with .01 in. or more. | 25 | 11 | 18 | 13 | 9 | 16 | 19 | 15 | 10 | 2~~0~~1 | 20 | 12 | 189 |  |
| * Days with .04 in. or more. | 21 | 5 | 1~~2~~3 | 9 | 4 | 10 | 15 | 12 | 6 | 15 | 13 | 6 | 129 |  |

Print WH

THE BOROUGH SURVEYOR.

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .................................................. [P.T.O.

DARLINGTON

**Section** **A** for the entry o                    Station No. 3501/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

~~1938~~

5 50496/36

*Kept at* Corporation Water Works, Darlington

*in the County of* Durham

~~Recorder Gauge - 11¼" dia.~~

Diameter of Funnel of Gauge Check Gauge 5" dia.

Height of top of Gauge above Ground ~~1 ft. 9 in. Recorder~~ 1 ft 0 in Check

" Ground " Sea Level 161.5 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .355 | - | .08 | .01 | - | - | .18 | .055 | - | .44 | - | - | | 1 |
| 2 | .22 | - | - | .02 | - | - | .02 | .705 | .14 | .1 | .05 | .043 | | 2 |
| 3 | - | - | .022 | .1 | - | - | .008 | .135 | .84 | .005 | .23 | .04 | | 3 |
| 4 | .14 | - | .29 | .06 | - | - | .21 | - | - | .005 | .02 | .10 | | 4 |
| 5 | .03 | - | - | - | .03 | - | .31 | .37 | .36 | .065 | .32 | .16 | | 5 |
| 6 | .18 | - | - | - | .01 | - | .26 | - | - | .025 | .02 | - | | 6 |
| 7 | - | .01 | .12 | - | .05 | - | - | - | - | .02 | .06 | .025 | | 7 |
| 8 | .062 | .05 | .10 | - | - | - | .13 | - | - | - | .04 | .37 | | 8 |
| 9 | .14 | .012 | - | - | - | - | .15 | .17 | .025 | 1.01 | - | .12 | | 9 |
| 10 | .27 | - | .03 | - | - | .07 | - | .07 | .05 | .02 | - | - | | 10 |
| 11 | .375 | - | .26 | - | .02 | .12 | - | .013 | - | .315 | .07 | - | | 11 |
| 12 | - | .08 | - | - | - | .01 | trace | - | .005 | .91 | .015 | .02 | | 12 |
| 13 | .012 | - | trace | .04 | .11 | .01 | .01 | - | .39 | .17 | .03 | - | | 13 |
| 14 | .43 | - | .22 | .02 | .07 | .49 | .3 | - | .005 | .199 | .25 | - | | 14 |
| 15 | .31 | - | .01 | - | .025 | .33 | .37 | - | .005 | .03 | .03 | .015 | | 15 |
| 16 | .10 | - | .08 | - | .49 | - | .1 | - | - | - | .02 | - | | 16 |
| 17 | .24 | - | - | .07 | .015 | .005 | .27 | - | - | - | - | - | | 17 |
| 18 | .24 | .01 | .05 | - | - | .35 | .13 | - | trace | .135 | .61 | - | | 18 |
| 19 | .11 | - | trace | - | - | .15 | .01 | - | .005 | - | - | .01 | | 19 |
| 20 | - | - | - | - | - | .03 | - | - | .045 | .01 | - | - | | 20 |
| 21 | .17 | .015 | .018 | .01 | - | - | - | .2 | .008 | - | - | - | | 21 |
| 22 | .2 | .245 | - | .07 | - | - | - | .01 | .02 | - | trace | - | | 22 |
| 23 | .01 | - | - | .115 | - | .06 | - | - | .01 | - | trace | - | | 23 |
| 24 | .1 | .015 | .06 | .23 | - | .02 | - | - | - | - | - | - | | 24 |
| 25 | .49 | trace | .04 | - | - | .01 | - | .06 | - | .075 | .08 | .03 | | 25 |
| 26 | .07 | .01 | .062 | .06 | - | - | - | .14 | .017 | .59 | .04 | - | | 26 |
| 27 | .075 | .26 | .6 | .009 | - | .08 | .12 | .47 | - | .235 | .05 | - | | 27 |
| 28 | .2 | .2 | .41 | .09 | - | .13 | .03 | .09 | - | .005 | .23 | .01 | | 28 |
| 29 | - | X | .02 | - | - | .025 | .4 | .01 | - | .57 | .01 | - | | 29 |
| 30 | .02 | ✕ | - | - | - | .19 | .04 | - | - | .155 | .09 | - | | 30 |
| 31 | - | ✕ | trace | ✕ | - | ✕ | .105 | .12 | ✕ | .04 | ✕ | - | | 31 |
| TOTAL | 5<br>4.5~~49~~" | 1<br>.9~~07~~" | 2.472" | .904" | .820" | 2.080" | 3.151" | 2<br>2.6~~18~~" | 1.930" | 3<br>5.1~~89~~" | 7<br>2.2~~65~~" | 1.345" | Year's Total<br>28.457 | |
| * Days with .01 in. or more. | 25 | 11 | 18 | 13 | 9 | 16 | 19 | 15 | 10 | 2~~0~~1 | 20 | 12 | 189 | |
| * Days with .04 in. or more. | 21 | 5 | 13 | 9 | 4 | 10 | 15 | 12 | 6 | 15 | 13 | 6 | 129 | |

Paint
WH

THE BOROUGH SURVEYOR

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ............................................ [P.T.O.

Rainfall? 1940.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3501/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~39~~40

printed 1939

*Kept at* Corporation Waterworks, Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 11¼ recorder 5" check in.

Height of top of Gauge above Ground 1 ft. 9 recorder 0 check in.

„ Ground „ Sea Level ................ft.

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·02 | — | ·06 | ·01 | ·005 | ·005 | — | — | — | ·015 | ·01 | | 1 |
| 2 | — | — | — | ·12 | — | — | ·005 | — | — | — | ·25 | ·20 | | 2 |
| 3 | ·01 | ·075 | — | ·06 | — | — | ·025 | — | — | ·05 | — | ·02 | | 3 |
| 4 | — | ·2 | — | — | — | — | ·23 | — | — | ·07 | ·13 | — | | 4 |
| 5 | — | Trace | — | — | ·16 | — | ·09 | — | — | ·01 | ·04 | ·27 | | 5 |
| 6 | ·023 | ·04 | — | — | — | — | — | — | — | ·58 | ·01 | ·05 | | 6 |
| 7 | ·04 | ·28 | — | ·035 | ·04 | — | ·01 | ·01 | ·01 | ·04 | — | — | | 7 |
| 8 | Trace | Trace | — | — | — | — | ·03 | ·01 | ·005 | ·17 | — | ·11 | | 8 |
| 9 | — | — | ·09 | — | — | — | ·43 | — | ·06 | ·075 | ·5 | ·015 | | 9 |
| 10 | — | — | ·055 | — | — | ·01 | ·82 | ·02 | — | — | ·048 | — | | 10 |
| 11 | — | ·06 | ·03 | — | — | ·005 | ·57 | — | ·1 | — | ·25 | — | | 11 |
| 12 | — | ·01 | ·65 | — | — | ·005 | ·005 | ·005 | ·03 | — | ·005 | — | | 12 |
| 13 | — | ·11 | ·07 | — | — | — | ·005 | — | ·04 | — | ·02 | ·005 | | 13 |
| 14 | — | ·04 | ·005 | ·08 | ·12 | — | ·385 | — | Trace | ·035 | — | ·16 | | 14 |
| 15 | Snow ·019 | — | ·025 | ·02 | ·12 | — | Trace | — | — | — | ·1 | ·015 | | 15 |
| 16 | Snow ·11 | — | — | — | — | — | ·16 | — | ·38 | ·4 | ·08 | — | | 16 |
| 17 | — | — | ·24 | — | — | — | 1·43 | ·005 | ·02 | ·005 | ·51 | ·01 | | 17 |
| 18 | — | ·09 | ·1 | ·45 | — | — | ·03 | ·325 | ·13 | — | ·15 | ·04 | | 18 |
| 19 | Snow ·19 | ·10 | ·01 | ·02 | — | — | ·14 | — | ·02 | ·02 | ·31 | ·015 | | 19 |
| 20 | — | — | — | ·12 | — | — | ·02 | ·19 | — | ·04 | ·03 | — | | 20 |
| 21 | Snow ·16 | — | ·01 | ·01 | — | ·23 | — | — | Trace | ·095 | ·41 | — | | 21 |
| 22 | Snow ·022 | — | ·04 | — | ·06 | Trace | ·24 | ·01 | ·33 | ·16 | — | — | | 22 |
| 23 | — | — | ·015 | ·15 | — | — | ·13 | — | ·01 | ·22 | ·03 | ·015 | | 23 |
| 24 | Snow ·07 | ·024 | — | ·065 | ·05 | — | — | — | — | ·025 | ·021 | ·085 | | 24 |
| 25 | — | — | — | — | ·01 | — | Trace | Trace | — | ·12 | — | — | | 25 |
| 26 | Snow ·72 | ·01 | — | ·06 | ·14 | — | ·55 | ·05 | ·01 | — | — | — | | 26 |
| 27 | Snow ·33 | ·15 | — | ·42 | ·01 | — | — | ·015 | — | ·035 | — | — | | 27 |
| 28 | Snow ·09 | ·42 | — | ·01 | ·24 | — | — | — | — | — | — | — | | 28 |
| 29 | — | ·005 | ·25 | ·005 | ·25 | ·025 | — | — | — | — | — | ·19 | | 29 |
| 30 | ·12 | ✕ | — | — | — | — | ·025 | — | — | ·53 | ·02 | ·5 | | 30 |
| 31 | ·25 | ✕ | ·017 | ✕ | ·01 | ✕ | — | — | ✕ | ·31 | ✕ | ·165 | | 31 |
| TOTAL | 2·154 | 1·634 | 1·607 | 1·685 | 1·22 | ·28 | 5·335 | ·64 | 1·145 | 2·990 | 2·929 | 1·875<br>8 | Year's Total<br>23·49 | |
| * Days with .01 in. or more. | 14 | 15 | 14 | 15 | 13 | 3 | 18 | 8 | 13 | 19 | 19 | 17 | 168 | |
| * Days with .04 in. or more. | 10 | 11 | 8 | 10 | 9 | 1 | 12 | 2 | 6 | 13 | 12 | 10 | 104 | |

The Borough Surveyor X

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) R B Raeburn

[P.T.O.

3502

**Section** A for the

AIR

TISH RAINFALL ORGANIZATION.

FOR OFFICIAL USE.

3502

FORM 1090.

# R IN 1931.

3502

DARLINGTON BROKEN SCAR.

DURHAM

1931 – 1940

780701

*Kept at* Darlington

*in the County of*

Diameter of Funnel of G

Height of top of Gauge ab

,, Ground ,,

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·11 | — | — | — | ·02 | — | ·17 | — | — | — | 1 |
| 2 | — | ·04 | — | ·50 | — | ·56 | — | — | ·74 | ·01 | — | ·30 | 2 |
| 3 | — | — | — | ·09 | — | ·09 | ·09 | — | ·69 | — | ·27 | ·08 | 3 |
| 4 | — | ·08 | — | ·08 | — | — | ·04 | — | ·78 | — | ·04 | ·06 | 4 |
| 5 | — | ·02 | — | — | ·05 | ·50 | ·18 | ·07 | ·02 | — | — | ·23 | 5 |
| 6 | — | ·09 | ·04 | — | — | ·32 | ·54 | ·15 | ·02 | ·07 | — | — | 6 |
| 7 | — | — | ·03 | — | ·01 | ·04 | — | ·20 | — | — | ·15 | — | 7 |
| 8 | — | — | ·17 | ·03 | ·10 | ·11 | ·50 | ·10 | — | — | ·10 | — | 8 |
| 9 | — | ·08 | ·36 | ·08 | ·08 | ·09 | ·04 | ·14 | — | — | ·24 | — | 9 |
| 10 | — | ·02 | ·11 | — | ·11 | ·16 | — | ·02 | — | — | ·14 | — | 10 |
| 11 | ·03 | ·26 | — | ·03 | — | ·05 | ·04 | — | ·01 | — | — | — | 11 |
| 12 | ·06 | — | — | — | — | ·07 | 1·17 | ·18 | — | ·08 | — | — | 12 |
| 13 | ·08 | — | ·11 | — | ·03 | ·03 | — | ·07 | — | — | — | — | 13 |
| 14 | ·01 | ·07 | ·04 | — | — | ·57 | 1·06 | ·63 | — | — | ·15 | ·03 | 14 |
| 15 | — | ·03 | — | ·19 | ·11 | — | ·24 | ·12 | — | — | ·06 | — | 15 |
| 16 | ·06 | ·17 | — | ·10 | — | — | ·07 | ·50 | ·44 | — | — | — | 16 |
| 17 | — | ·13 | — | ·48 | — | ·03 | ·08 | ·16 | — | — | ·01 | — | 17 |
| 18 | ·09 | ·04 | — | ·35 | — | ·26 | ·01 | — | — | — | ·36 | — | 18 |
| 19 | ·02 | — | — | ·08 | — | ·18 | ·11 | ·83 | ·13 | ·03 | — | — | 19 |
| 20 | — | — | — | ·15 | — | ·01 | — | ·02 | ·02 | — | ·02 | ·01 | 20 |
| 21 | ·01 | — | — | ·02 | ·06 | — | — | ·03 | — | — | ·01 | — | 21 |
| 22 | ·17 | ·02 | — | ·04 | ·34 | ·05 | — | — | — | — | — | — | 22 |
| 23 | ·32 | — | — | ·10 | ·60 | ·20 | ·01 | — | — | ·06 | ·15 | — | 23 |
| 24 | ·08 | — | — | ·21 | ·45 | — | ·03 | — | — | ·08 | — | — | 24 |
| 25 | ·03 | — | — | ·04 | ·01 | — | ·10 | — | — | — | ·02 | — | 25 |
| 26 | ·01 | — | — | ·10 | — | — | — | — | — | — | ·36 | — | 26 |
| 27 | ·03 | — | — | ·13 | — | — | — | — | — | ·03 | ·16 | — | 27 |
| 28 | ·21 | — | ·01 | ·10 | ·34 | — | — | — | ·03 | — | — | — | 28 |
| 29 | ·38 | × | ·02 | — | ·08 | — | ·16 | — | — | ·42 | ·02 | s ·21 | 29 |
| 30 | ·10 | × | — | — | ·62 | — | ·01 | — | — | — | — | — | 30 d. |
| 31 | ·18 | × | — | × | ·02 | × | — | — | × | ·01 | × | — | 31 |
| TOTAL | 1·87 | 1·05 | 1·00 | 2·90 | 3·01 | 3·32 | 4·50 | 3·22 | 3·05 | ·79 | 2·26 | ·92 | YEAR'S TOTAL<br>27·89 |
| *Days with ·01 in. or more. | ~~18~~ | ~~13~~ | ~~10~~ | ~~20~~ | ~~16~~ | ~~18~~ | ~~20~~ | ~~15~~ | ~~11~~ | ~~9~~ | ~~17~~ | ~~7~~ | ~~174~~ |
| *Days with ·04 in. or more. | 11 | 9 | 7 | 17 | 12 | 15 | 15 | 12 | 6 | 5 | 12 | 5 | 126 |

40-9999

(*Signed*) G. R. Collinson

B. Sc. M. Inst. C.E.

[P.T.O.

*See Instruction 2 (*f*) on other side.

301

3502

**Section** A **for the**

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FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·11 | — | — | — | ·02 | — | ·17 | — | — | — | 1 |
| 2 | — | ·04 | — | ·50 | — | ·56 | — | — | ·74 | ·01 | — | ·30 | 2 |
| 3 | — | — | — | ·09 | — | ·09 | ·09 | — | ·69 | — | ·27 | ·08 | 3 |
| 4 | — | ·08 | — | ·08 | — | — | ·04 | — | ·78 | — | ·04 | ·06 | 4 |
| 5 | — | ·02 | — | — | ·05 | ·50 | ·18 | ·07 | ·02 | — | — | ·23 | 5 |
| 6 | — | ·09 | ·04 | — | — | ·32 | ·54 | ·15 | ·02 | ·07 | — | — | 6 |
| 7 | — | — | ·03 | — | ·01 | ·04 | — | ·20 | — | — | ·15 | — | 7 |
| 8 | — | — | ·17 | ·03 | ·10 | ·11 | ·50 | ·10 | — | — | ·10 | — | 8 |
| 9 | — | ·08 | ·36 | ·08 | ·08 | ·09 | ·04 | ·14 | — | — | ·24 | — | 9 |
| 10 | — | ·02 | ·11 | — | ·11 | ·16 | — | ·02 | — | — | ·14 | — | 10 |
| 11 | ·03 | ·26 | — | ·03 | — | ·05 | ·04 | — | ·01 | — | — | — | 11 |
| 12 | ·06 | — | — | — | — | ·07 | 1·17 | ·18 | — | ·08 | — | — | 12 |
| 13 | ·08 | — | ·11 | — | ·03 | ·03 | — | ·07 | — | — | — | — | 13 |
| 14 | ·01 | ·07 | ·04 | — | — | ·57 | 1·06 | ·63 | — | — | ·15 | ·03 | 14 |
| 15 | — | ·03 | — | ·19 | ·11 | — | ·24 | ·12 | — | — | ·06 | — | 15 |
| 16 | ·06 | ·17 | — | ·10 | — | — | ·07 | ·50 | ·44 | — | — | — | 16 |
| 17 | — | ·13 | — | ·48 | — | ·03 | ·08 | ·16 | — | — | ·01 | — | 17 |
| 18 | ·09 | ·04 | — | ·35 | — | ·26 | ·01 | — | — | — | ·36 | — | 18 |
| 19 | ·02 | — | — | ·08 | — | ·18 | ·41 | ·83 | ·13 | ·03 | — | — | 19 |
| 20 | — | — | — | ·15 | — | ·01 | — | ·02 | ·02 | — | ·02 | ·01 | 20 |
| 21 | ·01 | — | — | ·02 | ·06 | — | — | ·03 | — | — | ·01 | — | 21 |
| 22 | ·17 | ·02 | — | ·04 | ·34 | ·05 | — | — | — | — | — | — | 22 |
| 23 | ·32 | — | — | ·10 | ·60 | ·20 | ·01 | — | — | ·06 | ·15 | — | 23 |
| 24 | ·08 | — | — | ·21 | ·45 | — | ·03 | — | — | ·08 | — | — | 24 |
| 25 | ·03 | — | — | ·04 | ·01 | — | ·10 | — | — | — | ·02 | — | 25 |
| 26 | ·01 | — | — | ·10 | — | — | — | — | — | — | ·36 | — | 26 |
| 27 | ·03 | — | — | ·13 | — | — | — | — | — | ·03 | ·16 | — | 27 |
| 28 | ·21 | — | ·01 | ·10 | ·34 | — | — | — | ·03 | — | — | — | 28 |
| 29 | ·38 | × | ·02 | — | ·08 | — | ·06 | — | — | ·42 | ·02 | s ·21 | 29 |
| 30 | ·10 | × | — | — | ·62 | — | ·01 | — | — | — | — | — | 30 d. |
| 31 | ·18 | × | — | × | ·02 | × | — | — | × | ·01 | × | — | 31 |
| TOTAL | 1·87 | 1·05 | 1·00 | 2·90 | 3·01 | 3·32 | 4·50 | 3·22 | 3·05 | ·79 | 2·26 | ·92 | YEAR'S TOTAL<br>27·89 |
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40-9999

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(Signed) G. R. Collinson

B. Sc. M. Inst. C.E.

P.T.O.

3502

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | – | – | – | ·07 | ·23 | – | – | – | ·30 | ·03 | – | ·04 | 1 |
| 2 | – | – | – | – | ·62 | – | ·11 | ·01 | ·29 | ·04 | ·06 | ·10 | 2 |
| 3 | – | – | – | ·04 | – | – | ·03 | – | – | – | – | ·07 | 3 |
| 4 | – | – | – | – | ·17 | – | ·21 | ·05 | – | – | – | ·01 | 4 |
| 5 | ·09 | – | ·05 | – | ·19 | – | – | – | ·06 | – | – | ·03 | 5 |
| 6 | ·23 | – | – | ·04 | – | – | – | – | ·01 | – | – | ·03 | 6 |
| 7 | – | – | ·09 | ·03 | ·04 | – | – | – | ·16 | ·16 | – | – | 7 |
| 8 | – | ·04 | – | ·03 | ·02 | – | – | – | ·06 | ·35 | ·04 | – | 8 |
| 9 | ·21 | s ·16 | ·02 | ·03 | – | – | – | – | – | ·15 | ·02 | ·11 | 9 |
| 10 | ·42 | s ·13 | ·03 | ·06 | – | – | – | – | ·10 | ·47 | – | ·12 | 10 |
| 11 | ·03 | ·21 | ·02 | ·03 | ·27 | ·10 | ·92 | – | – | ·06 | ·01 | – | 11 |
| 12 | ·24 | – | – | – | ·13 | – | ·02 | ·01 | – | ·05 | ·05 | – | 12 |
| 13 | ·02 | ·07 | – | ·08 | ·03 | – | – | ·01 | ·71 | – | ·02 | ·09 | 13 |
| 14 | ·13 | – | – | ·01 | – | – | – | – | – | – | ·02 | – | 14 |
| 15 | ·01 | – | – | ·01 | ·05 | – | – | – | – | – | ·05 | ·05 | 15 |
| 16 | ·20 | – | ·01 | – | – | – | ·01 | – | – | – | ·04 | ·02 | 16 |
| 17 | – | – | – | – | – | – | ·12 | – | – | ·05 | ·01 | – | 17 |
| 18 | – | – | – | – | ·05 | – | – | – | – | – | – | – | 18 |
| 19 | – | ·01 | – | ·05 | ·07 | – | – | – | ·01 | ·15 | – | – | 19 |
| 20 | – | – | ·05 | ·04 | ·12 | – | – | ·34 | – | ·13 | – | – | 20 |
| 21 | – | – | ·35 | ·26 | 1·16 | – | ·03 | 1·04 | – | ·51 | ·01 | – | 21 |
| 22 | – | – | ·33 | ·08 | ·10 | – | ·52 | – | – | ·05 | ·09 | ·01 | 22 |
| 23 | – | ·06 | – | ·06 | ·02 | – | ·07 | – | ·01 | – | ·10 | – | 23 |
| 24 | – | ·01 | – | – | – | – | ·25 | – | ·05 | – | – | – | 24 |
| 25 | – | ·02 | – | ·16 | ·05 | – | – | ·01 | ·03 | ·21 | – | – | 25 |
| 26 | – | ·01 | – | – | ·18 | – | ·30 | – | ·07 | ·07 | – | – | 26 |
| 27 | – | – | ·31 | ·05 | ·06 | ·78 | ·23 | – | – | ·14 | ·02 | ·01 | 27 |
| 28 | – | – | ·05 | ·17 | ·27 | ·52 | ·07 | ·07 | – | ·04 | – | – | 28 |
| 29 | – | – | ·36 | ·04 | ·03 | ·02 | ·34 | ·68 | ·04 | ·20 | ·11 | ·09 | 29 |
| 30 | – | × | ·02 | – | – | ·28 | ·01 | ·05 | ·22 | ·07 | ·20 | ·10 | 30 |
| 31 | – | × | – | × | – | × | ·19 | – | × | – | × | – | 31 |
| TOTAL | 1·58 | ·72 | 1·69 | 1·34 | 3·86 | 1·70 | 3·43 | 2·27 | 2·12 | 2·93 | ·85 | ·88 | YEAR'S TOTAL 23·37 |
| *Days with ·01 in. or more. | 10 | 10 | 13 | 20 | 21 | 5 | 17 | 10 | 15 | 19 | 16 | 15 | 171 |
| *Days with ·04 in. or more. | 7 | 6 | 8 | 14 | 17 | 4 | 12 | 6 | 16 | 18 | 9 | 9 | 121 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) G. R. Collinson

B.Sc. M.Inst.C.E.

P.T.O.

3502

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·05 | ·02 | ·11 | – | – | – | – | ·01 | – | – | ·12 | – | 1 |
| 2 | ·10 | – | ·13 | – | – | – | – | – | – | – | ·68 | – | 2 |
| 3 | – | ·05 | ·30 | – | ·44 | – | – | – | – | – | ·47 | – | 3 |
| 4 | ·21 | ·03 | ·01 | – | ·03 | – | – | – | – | – | – | – | 4 |
| 5 | ·09 | – | ·05 | – | ·21 | – | – | – | – | – | – | – | 5 |
| 6 | – | ·01 | – | – | ·37 | – | – | – | – | – | – | ·08 | 6 |
| 7 | – | ·13 | – | – | 03 | – | – | – | ·01 | ·28 | – | – | 7 |
| 8 | 02 | – | ·05 | – | ·03 | – | ·11 | – | – | – | – | ·15 | 8 |
| 9 | – | ·36 | – | – | ·01 | – | ·11 | – | – | ·22 | ·05 | ·02 | 9 |
| 10 | – | ·02 | – | – | – | ·08 | ·06 | – | – | ·41 | ·02 | ·06 | 10 |
| 11 | – | – | – | – | 08 | – | – | – | – | ·05 | – | – | 11 |
| 12 | 01 | – | – | – | ·01 | ·25 | ·01 | – | – | – | – | ·11 | 12 |
| 13 | – | – | – | – | ·10 | – | ·10 | ·09 | ·03 | – | ·09 | – | 13 |
| 14 | ·23 | – | – | – | – | – | – | ·07 | – | – | ·47 | ·02 | 14 |
| 15 | 35 | – | ·01 | – | – | – | ·30 | – | – | ·13 | ·35 | ·14 | 15 |
| 16 | ·37 | – | ·07 | ·05 | ·19 | 08 | ·06 | ·01 | – | – | ·22 | – | 16 |
| 17 | ·15 | ·04 | ·10 | 05 | – | ·05 | – | – | ·01 | – | ·40 | – | 17 |
| 18 | – | ·41 | ·04 | ·11 | – | ·83 | – | ·03 | – | – | ·11 | ·01 | 18 |
| 19 | – | ·04 | ·87 | – | – | ·09 | ·17 | – | – | – | ·03 | ·04 | 19 |
| 20 | – | – | – | ·04 | – | – | – | – | ·19 | ·15 | ·03 | – | 20 |
| 21 | – | ·01 | – | – | – | ·02 | – | – | ·03 | ·09 | ·03 | – | 21 |
| 22 | – | ·13 | – | – | – | – | – | – | ·01 | ·76 | – | – | 22 |
| 23 | – | ·15 | – | – | ·20 | ·10 | – | ·03 | ·12 | ·01 | – | – | 23 |
| 24 | – | ·24 | – | ·21 | ·26 | ·18 | ·01 | – | ·20 | 01 | ·06 | ·20 | 24 |
| 2·07 25 | – | 1·00 | – | ·21 | – | ·01 | – | ·01 | ·38 | ·14 | – | ·02 | 25 |
| 26 | – | ·83 | – | ·05 | 06 | – | – | – | – | ·01 | ·02 | ·25 | 26 |
| 27 | – | ·17 | – | – | ·04 | – | ·03 | – | – | ·30 | ·03 | – | 27 |
| 28 | – | – | – | ·09 | ·01 | – | ·01 | ·09 | ·01 | ·32 | – | ·03 | 28 |
| 29 | – | × | – | ·10 | – | – | ·90 | – | – | ·27 | – | ·02 | 29 |
| 30 | ·04 | × | – | ·08 | – | – | ·04 | – | ·10 | ·02 | – | ·07 | 30 |
| 31 | 04 | × | ·03 | × | – | × | – | – | × | – | × | ·04 | 31 |
| TOTAL | 1·66 | 3·64 | 1·77 | ·99 | 2·07 | 1·69 | 1·91 | ·34 | 1·09 | 3·17 | 3·18 | 1·26 | YEAR'S TOTAL 22·77 |
| *Days with ·01 in. or more. | 12 | 17 | 12 | 10 | 16 | 10 | 13 | 8 | 11 | 16 | 17 | 16 | 158 |
| *Days with ·04 in. or more. | 10 | 12 | 9 | 10 | 10 | 8 | 9 | 3 | 5 | 12 | 11 | 10 | 109 |
| | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga |

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*See Instruction 2 (*f*) on other side.

D M

(Signed) Geo. R. Collinson

B. Sc., M.Inst.C.E.

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 357 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Darlington Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·08 | - | - | - | - | - | - | ·09 | - | - | · | ·14 | | 1 |
| 2 | ·01 | ·01 | ·01 | - | - | - | - | ·24 | ·11 | - | ·07 | ·49 | | 2 |
| 3 | - | ·02 | - | - | - | - | - | - | - | ·09 | ·08 | ·08 | | 3 |
| 4 | ·02 | - | ·01 | ·11 | - | - | - | ·13 | ·06 | ·05 | · | ·60 | | 4 |
| 5 | - | - | ·04 | 10 | ·06 | - | - | ·45 | ·01 | ·02 | ·29 | ·49 | | 5 |
| 6 | - | - | - | - | ·44 | ·02 | - | | - | ·05 | · | ·30 | | 6 |
| 7 | - | ·02 | - | - | 01 | ·12 | - | ·02 | - | | · | ·18 | | 7 |
| 8 | ·01 | - | - | - | ·10 | 48 | - | ·01 | ·01 | ·01 | · | ·10 | | 8 |
| 9 | ·01 | - | ·01 | ·36 | - | - | - | ·17 | ·02 | ·03 | ·76 | ·02 | | 9 |
| 10 | ·02 | - | ·24 | ·06 | - | - | - | - | - | · | ·33 | - | | 10 |
| 11 | ·14 | - | ·31 | ·55 | - | - | - | ·18 | - | · | ·03 | ·07 | | 11 |
| 12 | - | - | ·48 | ·25 | - | - | ·11 | ·04 | - | · | ·01 | ·12 | | 12 |
| 13 | ·45 | - | ·05 | 07 | - | - | ·57 | - | - | · | ·01 | - | | 13 |
| 14 | 14 | - | ·18 | - | ·02 | ·01 | 08 | ·01 | - | ·08 | ·01 | ·17 | | 14 |
| 15 | - | - | ·04 | - | ·11 | - | - | - | - | ·35 | ·20 | ·11 | | 15 |
| 16 | ·27 | - | ·11 | - | 05 | ·10 | - | - | - | · | ·11 | - | | 16 |
| 17 | ·15 | - | 06 | - | - | - | ·24 | ·03 | ·22 | ·06 | · | ·18 | | 17 |
| 18 | 09 | - | - | ·07 | ·23 | ·19 | - | - | - | · | · | ·04 | | 18 |
| 19 | - | - | ·09 | ·59 | ·02 | ·06 | - | ·07 | ·05 | · | · | - | | 19 |
| 20 | - | - | ·05 | - | - | ·20 | - | ·04 | - | · | · | - | | 20 |
| 21 | - | - | - | - | - | ·41 | - | ·30 | ·16 | ·06 | · | - | | 21 |
| 22 | - | - | - | - | - | ·09 | - | - | ·10 | ·03 | · | ·07 | | 22 |
| 23 | - | - | ·06 | ·03 | - | - | ·16 | - | - | ·20 | ·02 | ·04 | | 23 |
| 24 | - | - | - | ·09 | ·03 | ·08 | - | - | ·11 | ·35 | · | ·04 | | 24 |
| 25 | ·01 | - | - | ·21 | - | - | ·01 | - | ·14 | ·23 | · | ·54 | | 25 |
| 26 | ·13 | - | - | ·48 | - | ·04 | ·01 | - | ·06 | ·08 | · | ·07 | | 26 |
| 27 | - | ·34 | - | ·11 | - | ·08 | - | - | - | ·10 | · | ·18 | | 27 |
| 28 | - | - | ·01 | ·32 | - | ·01 | - | ·15 | - | · | · | ·33 | | 28 |
| 29 | - | × | ·02 | ·01 | - | - | ·06 | ·12 | ·47 | ·12 | · | ·07 | | 29 |
| 30 | ·10 | × | ·02 | - | - | - | ·15 | ·07 | ·01 | ·42 | · | ·03 | | 30 |
| 31 | 03 | × | - | × | - | × | ·01 | ·31 | × | - | × | ·02 | | 31 |
| TOTAL | 1·66 | ·39 | 1·79 | 3·41 | 1·07 | 1·89 | 1·40 | 2·43 | 1·53 | 2·23 | 1·92 | 4·51 | Year's Total 24·23 | |
| *Days with ·01 in. or more. | 16 | 4 | 18 | 16 | 10 | 14 | 10 | 18 | 14 | 18 | 12 | 25 | 175 | |
| *Days with .04 in. or more. | 9 | 1 | 12 | 14 | 6 | 11 | 7 | 14 | 10 | 14 | 7 | 22 | 124 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) G. R. Collinson

B.Sc., M.Inst.C.E.

[P.T.O.

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**Section A** for the entry of Daily Observations. Station No. 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1094

# REGISTER OF RAINFALL IN 1935.

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 158 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·68 | - | ·05 | ·02 | - | - | ·03 | - | ·70 | ·16 | ·04 | ·09 | | 1 |
| 2 | - | - | - | - | - | ·03 | - | - | - | ·66 | ·03 | - | | 2 |
| 3 | - | ·47 | ·09 | s ·12 | - | ·05 | - | - | ·04 | - | ·23 | - | | 3 |
| 4 | - | - | - | - | - | ·60 | - | - | - | ·83 | ·05 | - | | 4 |
| 5 | ·09 | ·26 | - | - | - | ·35 | - | - | ·25 | ·47 | ·04 | - | | 5 |
| 6 | ·25 | ·02 | - | - | - | ·28 | - | - | - | ·07 | - | - | | 6 |
| 7 | ·16 | - | - | ·05 | - | ·27 | - | - | - | ·05 | ·19 | ·05 | | 7 |
| 8 | - | - | - | ·15 | - | ·08 | - | - | - | ·05 | ·05 | ·05 | | 8 |
| 9 | - | - | - | ·22 | - | ·12 | - | - | - | ·41 | ·19 | ·07 | | 9 |
| 10 | - | ·06 | - | ·02 | - | ·13 | - | - | - | ·10 | ·42 | - | | 10 |
| 11 | ·09 | ·01 | - | ·01 | - | ·01 | - | ·36 | - | ·04 | ·04 | ·05 | | 11 |
| 12 | - | - | - | - | - | ·03 | - | - | - | - | - | - | | 12 |
| 13 | ·10 | ·02 | - | ·03 | ·17 | - | ·69 | - | ·16 | - | - | - | | 13 |
| 14 | - | - | ·02 | ·01 | ·17 | ·05 | ·16 | - | ·03 | - | ·39 | ·04 | | 14 |
| 15 | - | ·06 | - | ·32 | ·13 | - | - | - | ·17 | ·01 | ·11 | ·10 | | 15 |
| 16 | - | ·20 | ·10 | ·07 | s ·20 | ·07 | ·02 | ·03 | ·25 | - | ·47 | ·02 | | 16 |
| 17 | - | - | - | ·07 | ·01 | ·19 | - | ·28 | ·03 | ·01 | ·98 | ·01 | | 17 |
| 18 | ·04 | - | - | ·02 | - | ·06 | ·01 | ·02 | ·08 | ·06 | ·09 | - | | 18 |
| 19 | ·01 | ·02 | - | ·03 | - | ·22 | ·09 | - | - | ·17 | ·14 | - | | 19 |
| 20 | - | ·11 | - | ·14 | - | ·09 | - | - | - | - | ·10 | - | | 20 |
| 21 | - | ·05 | - | ·34 | - | - | - | - | 1·50 | ·05 | ·11 | - | | 21 |
| 22 | - | s ·19 | ·09 | ·07 | - | - | - | - | - | - | ·02 | - | | 22 |
| 23 | - | - | ·05 | - | - | - | - | ·30 | - | ·15 | - | - | | 23 |
| 24 | ·06 | ·76 | ·07 | ·01 | - | - | - | - | 1·17 | ·01 | - | ·26 | | 24 |
| 25 | ·13 | ·04 | - | - | - | ·06 | - | - | - | - | - | ·16 | | 25 |
| 26 | s ·27 | - | - | - | - | ·03 | ·14 | ·81 | ·34 | - | - | ·12 | | 26 |
| 27 | ·14 | s ·13 | - | - | - | - | ·01 | - | ·25 | ·03 | ·08 | ·19 | | 27 |
| 28 | ·02 | ·01 | - | - | - | - | - | ·13 | ·02 | ·27 | ·02 | - | | 28 |
| 29 | - | × | ·08 | - | - | - | - | ·15 | ·04 | ·10 | ·09 | ·08 | | 29 |
| 30 | - | × | ·03 | - | - | ·29 | - | ·17 | ·59 | ·23 | ·33 | - | | 30 |
| 31 | - | × | - | × | - | × | - | ·04 | × | ·01 | × | ·40 | | 31 |
| TOTAL | 2·04 | 2·41 | ·58 | 1·70 | ·68 | 3·01 | 1·15 | 2·29 | 5·62 | 3·94 | 4·21 | 1·69 | Year's Total<br>29·32 | |
| *Days with ·01 in. or more. | 13 | 16 | 9 | 18 | 5 | 20 | 8 | 10 | 16 | 22 | 23 | 15 | 175 | |
| *Days with ·04 in. or more. | 11 | 11 | 7 | 10 | 4 | 16 | 4 | 8 | 13 | 17 | 20 | 13 | 134 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(Signed) G. R. Collinson

B. Sc. M. Inst. C.E.

[P.T.O.

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**Section A** for the entry of Daily Observations. Station No. 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Darlington, Broken Scar
*in the County of* Durham

Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft ........ in.
,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·01 | ·10 | ·29 | ·04 | – | ·11 | ·02 | ·25 | ·09 | – | ·02 | ·01 | | 1 |
| 2 | – | – | ·04 | – | – | ·32 | ·07 | ·02 | – | – | – | ·05 | | 2 |
| 3 | – | s ·05 | – | – | – | 1·09 | – | – | ·52 | – | – | – | | 3 |
| 4 | ·14 | – | ·02 | – | – | ·14 | – | ·16 | ·16 | – | ·05 | ·14 | | 4 |
| 5 | ·07 | – | – | – | – | ·04 | – | ·24 | ·02 | ·02 | ·01 | ·03 | | 5 |
| 6 | ·03 | – | – | – | ·01 | – | ·01 | ·77 | ·50 | – | ·22 | – | | 6 |
| 7 | ·08 | – | ·03 | – | – | – | ·34 | – | – | – | ·10 | – | | 7 |
| 8 | ·13 | – | ·26 | – | – | – | – | – | – | ·01 | ·04 | – | | 8 |
| 9 | ·75 | – | ·30 | – | ·04 | ·04 | ·81 | – | – | ·11 | ·10 | – | | 9 |
| 10 | ·02 | – | ·02 | ·01 | – | – | ·09 | – | – | – | ·02 | – | | 10 |
| 11 | – | – | – | ·20 | – | – | – | ·16 | ·06 | – | ·86 | – | | 11 |
| 12 | – | – | – | ·36 | ·07 | ·46 | ·04 | ·09 | ·18 | – | ·21 | ·10 | | 12 |
| 13 | – | – | – | ·13 | – | ·06 | – | – | – | ·10 | ·02 | ·67 | | 13 |
| 14 | – | – | – | ·17 | – | ·27 | ·06 | ·07 | 1·34 | – | ·02 | ·44 | | 14 |
| 15 | s ·09 | – | – | ·19 | ·17 | ·11 | ·30 | – | ·07 | ·02 | ·15 | ·01 | | 15 |
| 16 | s ·02 | – | – | – | – | ·08 | – | – | – | – | ·32 | ·06 | | 16 |
| 17 | – | ·45 | – | ·01 | ·05 | – | ·14 | – | – | ·05 | ·37 | ·02 | | 17 |
| 18 | – | ·05 | – | ·03 | – | – | – | ·13 | – | ·06 | ·02 | ·02 | | 18 |
| 19 | s ·55 | ·14 | – | – | – | – | ·16 | ·02 | – | ·01 | – | ·02 | | 19 |
| 20 | ·09 | ·13 | – | – | – | – | ·19 | – | – | – | – | – | | 20 |
| 21 | – | – | – | – | – | ·28 | – | – | – | – | – | ·05 | | 21 |
| 22 | – | ·38 | ·03 | – | ·02 | ·27 | ·06 | – | – | – | – | – | | 22 |
| 23 | ·02 | ·05 | – | ·05 | ·12 | – | ·42 | – | – | – | – | – | | 23 |
| 24 | ·06 | ·15 | – | – | ·88 | – | – | – | ·34 | ·10 | – | – | | 24 |
| 25 | ·37 | – | ·01 | – | – | – | ·02 | – | ·72 | ·12 | – | – | | 25 |
| 26 | ·02 | ·08 | ·75 | – | – | – | ·04 | – | ·06 | ·29 | – | – | | 26 |
| 27 | ·08 | – | ·04 | – | – | – | ·03 | – | ·19 | ·19 | ·01 | – | | 27 |
| 28 | ·22 | ·78 | ·03 | ·01 | – | – | ·06 | – | ·02 | – | – | – | | 28 |
| 29 | ·46 | ·94 | ·10 | – | ·42 | ·62 | – | – | – | ·02 | ·03 | – | | 29 |
| 30 | ·02 | × | – | – | ·03 | ·14 | ·43 | – | – | ·30 | ·01 | – | | 30 |
| 31 | ·01 | × | ·03 | × | ·02 | × | – | – | × | – | × | ·06 | Year's Total. | 31 |
| TOTAL | 3·24 | 3·30 | 1·95 | 1·20 | 2·13 | 4·03 | 3·29 | 1·91 | 4·27 | 1·40 | 2·58 | 1·68 | 30·98 | ✓ |
| * Days with .01 in. or more. | 21 | 12 | 14 | 11 | 11 | 15 | 19 | 10 | 14 | 14 | 19 | 14 | 174 | ✓ |
| * Days with .04 in. or more. | 13 | 12 | 7 | 7 | 7 | 15 | 15 | 8 | 12 | 9 | 10 | 8 | 123 | ✓ |

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) G. R. Collinson
B.Sc. M. Inst. C.E.

P.T.O.

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Section **A** for the entry of Daily Observations.
Station No. 3502
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Darlington, Broken Scar
*in the County of* Durham
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft..........in.
,, Ground ,, Sea Level .................ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the **Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·04 | ·03 | ·05 | – | – | – | – | – | ·06 | ·01 | – | ·37 | | 1 |
| 2 | – | ·06 | – | ·69 | – | ·07 | – | – | – | – | – | ·34 | | 2 |
| 3 | – | ·06 | ·03 | ·06 | – | ·11 | ·80 | – | – | – | – | ·19 | | 3 |
| 4 | ·06 | ·03 | ·09 | ·20 | ·01 | – | ·01 | ·13 | – | – | – | ·14 | | 4 |
| 5 | ·03 | – | ·10 | ·01 | ·02 | – | ·04 | – | – | – | – | ·20 | | 5 |
| 6 | ·03 | – | ·05 | ·03 | ·08 | – | – | ·05 | – | ·02 | ·07 | ·11 | | 6 |
| 7 | – | ·28 | S ·15 | ·06 | ·09 | ·02 | – | – | – | – | ·05 | ·12 | | 7 |
| 8 | – | ·38 | ·11 | ·03 | – | ·03 | ·12 | ·01 | – | – | ·03 | ·20 | | 8 |
| 9 | – | – | ·03 | ·14 | ·04 | – | ·17 | ·04 | – | – | – | ·12 | | 9 |
| 10 | – | ·08 | – | – | ·20 | ·05 | ·04 | – | – | – | ·16 | ·18 | | 10 |
| 11 | – | – | S 1·10 | ·09 | ·07 | – | – | – | – | ·01 | – | S ·40 | | 11 |
| 12 | ·20 | S ·30 | ·45 | ·24 | ·03 | ·32 | – | – | ·07 | – | – | ·32 | | 12 |
| 13 | – | ·05 | ·01 | ·05 | ·04 | ·16 | ·01 | – | ·05 | – | – | ·07 | | 13 |
| 14 | – | – | ·01 | – | – | – | – | ·42 | – | – | – | ·32 | | 14 |
| 15 | ·19 | ·47 | – | ·14 | – | ·02 | ·14 | ·08 | ·04 | – | – | ·16 | | 15 |
| 16 | ·03 | ·18 | ·28 | ·43 | – | ·03 | – | ·05 | – | – | – | ·23 | | 16 |
| 17 | ·21 | ·02 | ·19 | ·09 | – | ·06 | – | – | ·46 | – | – | ·02 | | 17 |
| 18 | – | ·03 | ·02 | ·01 | – | ·08 | ·02 | ·09 | – | – | ·33 | – | | 18 |
| 19 | ·03 | ·05 | ·04 | – | – | ·08 | ·01 | – | ·02 | – | ·79 | – | | 19 |
| 20 | ·20 | – | ·03 | ·10 | ·79 | ·01 | ·01 | – | ·02 | – | – | ·01 | | 20 |
| 21 | ·01 | ·01 | ·04 | ·07 | ·08 | – | ·27 | – | – | ·02 | – | ·10 | | 21 |
| 22 | ·03 | – | ·04 | – | ·01 | – | – | – | – | ·12 | ·05 | – | | 22 |
| 23 | ·38 | – | ·01 | – | ·56 | – | ·20 | – | – | ·73 | ·09 | – | | 23 |
| 24 | ·23 | ·02 | – | – | ·01 | – | ·09 | – | ·09 | ·27 | – | – | | 24 |
| 25 | ·19 | ·26 | – | – | ·02 | – | – | ·14 | – | ·16 | – | – | | 25 |
| 26 | ·08 | ·22 | – | – | ·73 | – | – | – | ·01 | – | ·02 | ·01 | | 26 |
| 27 | – | ·65 | ·07 | ·13 | – | – | ·01 | – | – | ·23 | – | ·01 | | 27 |
| 28 | ·16 | ·16 | ·01 | – | – | – | – | – | – | ·14 | – | ·02 | | 28 |
| 29 | ·20 | X | – | – | – | ·01 | – | – | – | ·06 | ·03 | ·07 | | 29 |
| 30 | ·17 | | – | – | – | ·02 | – | – | – | ·02 | – | ·03 | | 30 |
| 31 | ·53 | | – | | – | | – | – | | ·20 | | – | | 31 |
| TOTAL | 3·00 | 3·34 | 2·91 | 2·57 | 2·78 | 1·07 | 1·94 | 1·01 | ·82 | 1·99 | 1·62 | 3·74 | Year's Total 26·79 | |
| * Days with .01 in. or more. | 20 | 20 | 22 | 18 | 16 | 15 | 15 | 9 | 9 | 13 | 10 | 24 | 191 | |
| * Days with .04 in. or more. | 14 | 14 | 14 | 14 | 10 | 8 | 9 | 8 | 6 | 8 | 7 | 18 | 130 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) ..........Ellison [P.T.O.
B.Sc. M. Inst. C.E.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·09 | ·03 | – | – | – | 1·69 | ·37 | – | ·02 | – | ·14 | ·08 | | 1 |
| 2 | ·08 | – | – | – | – | ·10 | ·22 | – | ·06 | ·25 | ·13 | ·08 | | 2 |
| 3 | ·01 | – | – | – | – | – | ·04 | – | ·02 | 1·10 | ·09 | – | | 3 |
| 4 | ·03 | – | – | – | – | ·03 | ·06 | – | – | ·18 | – | ·35 | | 4 |
| 5 | – | ·01 | ·05 | – | – | – | ·18 | ·70 | ·02 | ·02 | – | ·02 | | 5 |
| 6 | ·08 | – | – | – | – | ·03 | ·11 | – | – | ·04 | – | ·02 | | 6 |
| 7 | – | – | – | – | – | – | ·49 | ·03 | ·14 | ·11 | – | – | | 7 |
| 8 | ·45 | – | – | – | – | – | ·57 | ·06 | – | ·45 | – | ·07 | | 8 |
| 9 | – | ·12 | – | – | ·13 | ·08 | ·02 | ·02 | – | – | – | ·35 | | 9 |
| 10 | – | – | – | – | – | ·20 | ·01 | – | – | ·05 | – | ·03 | | 10 |
| 11 | ·07 | – | – | – | ·08 | ·02 | – | – | – | ·05 | ·07 | ·07 | | 11 |
| 12 | ·20 | ·15 | – | – | ·05 | – | – | ·03 | – | ·28 | ·11 | – | | 12 |
| 13 | ·07 | ·22 | – | – | ·02 | – | – | – | ·21 | ·03 | ·29 | ·13 | | 13 |
| 14 | ·46 | ·01 | – | – | ·05 | – | ·01 | – | – | – | – | ·01 | | 14 |
| 15 | ·12 | ·04 | ·01 | – | – | – | ·32 | ·06 | – | ·06 | – | ·47 | | 15 |
| 16 | ·20 | ·02 | – | – | ·21 | – | ·70 | ·05 | ·18 | – | ·09 | ·22 | | 16 |
| 17 | – | – | – | – | ·18 | – | – | ·02 | ·03 | ·21 | – | – | | 17 |
| 18 | ·04 | ·02 | – | – | ·04 | – | – | – | ·10 | ·13 | ·27 | – | | 18 |
| 19 | – | – | ·01 | – | ·01 | – | – | ·10 | ·10 | – | ·03 | s ·03 | | 19 |
| 20 | – | – | – | – | – | – | – | ·03 | ·06 | – | ·11 | s ·29 | | 20 |
| 21 | – | – | ·02 | – | – | – | – | ·05 | – | – | ·05 | ·10 | | 21 |
| 22 | – | ·01 | – | – | – | ·09 | – | – | – | – | ·28 | ·18 | | 22 |
| 23 | – | – | – | – | ·24 | ·05 | – | – | ·03 | – | ·13 | ·20 | | 23 |
| 24 | ·01 | – | ·02 | – | – | – | – | ·47 | ·42 | ·04 | ·04 | ·04 | | 24 |
| 25 | – | – | ·02 | – | ·04 | – | ·13 | ·01 | – | ·36 | ·32 | ·15 | | 25 |
| 26 | – | ·50 | ·05 | – | ·02 | ·04 | – | – | ·05 | ·06 | – | – | | 26 |
| 27 | ·01 | ·01 | – | ·09 | ·46 | ·09 | ·15 | ·17 | – | ·07 | ·03 | – | | 27 |
| 28 | ·09 | – | – | – | ·60 | ·39 | – | ·02 | ·05 | ·03 | – | ·09 | | 28 |
| 29 | ·03 | × | – | ·04 | ·64 | – | – | – | – | – | ·27 | ·02 | | 29 |
| 30 | ·03 | × | – | – | ·03 | – | – | ·02 | ·58 | – | ·32 | – | | 30 |
| 31 | ·13 | × | – | × | ·15 | × | – | ·01 | × | ·05 | × | s ·60 | | 31 |
| TOTAL | 2·20 | 1·14 | ·18 | ·13 | 2·95 | 2·81 | 3·38 | 1·85 | 2·10 | 3·57 | 2·77 | 3·60 | Year's Total 26·68 | |
| * Days with .01 in. or more. | 19 | 12 | 7 | 2 | 17 | 12 | 15 | 17 | 16 | 20 | 18 | 23 | 178 | |
| * Days with .04 in. or more. | 13 | 5 | 2 | 2 | 13 | 9 | 12 | 8 | 12 | 17 | 16 | 17 | 126 | |
| | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

For THE TEES VALLEY WATER BOARD.

(Signed) G.R. Colman B.Sc M.Inst C.E. [P.T.O.

ENGINEER AND MANAGER.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level...................ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·50 | – | ·09 | ·01 | – | – | ·19 | ·01 | ·12 | ·38 | – | – |  | 1 |
| 2 | ·03 | – | – | ·02 | – | – | ·01 | ·64 | ·83 | ·13 | ·06 | ·05 |  | 2 |
| 3 | – | – | ·03 | ·10 | – | – | ·01 | ·15 | – | ·02 | ·13 | ·04 |  | 3 |
| 4 | s ·19 | – | ·30 | ·06 | – | – | ·17 | – | ·35 | ·03 | ·15 | ·11 |  | 4 |
| 5 | – | – | – | – | ·04 | – | ·32 | ·38 | – | ·09 | ·32 | ·18 |  | 5 |
| 6 | ·24 | – | – | – | ·01 | – | ·27 | – | – | ·02 | ·02 | – |  | 6 |
| 7 | ·02 | – | ·10 | – | ·06 | – | – | – | – | ·02 | ·07 | ·02 |  | 7 |
| 8 | ·06 | ·05 | ·09 | – | – | – | ·13 | – | – | – | ·04 | ·40 |  | 8 |
| 9 | ·14 | ·02 | – | – | – | – | ·15 | ·16 | ·02 | 1·03 | – | ·12 |  | 9 |
| 10 | s ·28 | – | ·03 | – | – | ·06 | – | ·03 | ·06 | ·01 | – | – |  | 10 |
| 11 | ·45 | – | ·29 | – | ·02 | ·13 | [illegible] | ·07 | – | ·34 | ·08 | – |  | 11 |
| 12 | ·01 | ·09 | – | – | – | ·01 | – | – | – | ·95 | ·02 | ·01 |  | 12 |
| 13 | ·02 | – | – | ·05 | ·10 | ·01 | – | – | ·04 | ·20 | ·03 | – |  | 13 |
| 14 | ·45 | – | ·03 | ·01 | ·07 | ·47 | ·33 | – | – | ·23 | ·24 | – |  | 14 |
| 15 | ·30 | – | – | – | ·03 | ·34 | ·34 | – | ·01 | ·03 | ·02 | ·02 |  | 15 |
| 16 | ·11 | – | ·10 | – | ·60 | – | ·12 | – | – | – | ·04 | – |  | 16 |
| 17 | ·24 | – | – | ·07 | ·01 | ·01 | ·33 | – | – | – | – | – |  | 17 |
| 18 | ·38 | ·01 | ·05 | – | – | ·35 | ·14 | – | – | ·06 | ·63 | – |  | 18 |
| 19 | ·12 | – | – | – | – | ·15 | ·01 | – | – | ·09 | – | ·01 |  | 19 |
| 20 | – | – | – | – | – | ·04 | – | ·24 | ·05 | ·02 | – | – |  | 20 |
| 21 | ·17 | ·15 | ·02 | – | – | – | – | ·01 | ·02 | – | – | – |  | 21 |
| 22 | ·19 | ·25 | – | ·08 | – | – | – | – | ·02 | – | – | – |  | 22 |
| 23 | ·01 | – | – | ·12 | – | ·08 | – | – | – | – | – | – |  | 23 |
| 24 | – | ·01 | ·06 | ·24 | – | ·01 | – | ·07 | – | – | – | – |  | 24 |
| 25 | ·56 | – | ·04 | – | – | ·02 | – | ·12 | – | ·01 | ·08 | ·05 |  | 25 |
| 26 | ·08 | – | ·07 | – | – | – | – | ·10 | – | ·63 | ·04 | – |  | 26 |
| 27 | ·10 | ·40 | ·66 | – | – | ·07 | ·08 | ·55 | ·01 | ·30 | ·05 | – |  | 27 |
| 28 | ·20 | ·06 | ·45 | ·10 | – | ·15 | ·06 | ·01 | – | ·01 | ·23 | s ·02 |  | 28 |
| 29 | ·02 | × | ·02 | – | – | ·02 | ·38 | – | – | ·57 | ·01 | – |  | 29 |
| 30 | ·02 | ▨ | – | – | – | ·16 | ·06 | ·14 | – | ·16 | ·09 | – |  | 30 |
| 31 | – | ▨ | – | ▨ | – | ▨ | ·10 | – | ▨ | ·04 | ▨ | – |  | 31 |
| TOTAL | 4·89 | 1·04 | 2·43 | ·86 | ·94 | 2·08 | 3·20 | 2·71 | 1·53 | 5·37 | 2·35 | 1·03 | Year's Total 28·43 |  |
| * Days with .01 in. or more. | 26 | 9 | 17 | 11 | 9 | 17 | 19 | 15 | 11 | 24 | 20 | 12 | 190 |  |
| * Days with .04 in. or more. | 19 | 6 | 12 | 8 | 5 | 11 | 16 | 11 | 6 | 15 | 15 | 7 | 131 |  |
|  | J.P.S. | J.P.S. | J.P.S. | J.P.S. | [illegible] | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | G.a. | G.a. | G.a. |  |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) G. R. Collinson
B.Sc., M.Inst.C.E.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3502

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FOR 090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Darlington, Broken Scar

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·03 | – | ·05 | ·02 | – | – | – | – | – | ·02 | ·01 | | 1 |
| 2 | – | – | – | ·11 | – | – | ·01 | – | – | – | ·28 | ·02 | | 2 |
| 3 | ·01 | ·10 | – | ·07 | – | – | – | – | – | ·05 | = | – | | 3 |
| 4 | – | ·20 | – | – | – | – | ·24 | – | – | ·07 | ·13 | ·03 | | 4 |
| 5 | – | ·01 | – | – | ·16 | – | ·16 | – | – | ·01 | ·01 | ·29 | | 5 |
| 6 | ·03 | ·06 | – | – | – | – | – | – | – | ·58 | ·04 | ·05 | | 6 |
| 7 | ·05 | ·29 | – | ·03 | ·04 | – | – | ·01 | – | ·04 | = | = | | 7 |
| 8 | – | = | – | – | = | – | – | ·01 | ·01 | ·15 | – | ·12 | | 8 |
| 9 | – | – | ·09 | ·01 | = | – | ·40 | – | ·06 | ·10 | ·49 | ·01 | | 9 |
| 10 | – | – | ·06 | – | – | – | ·82 | ·01 | – | – | ·05 | = | | 10 |
| 11 | – | S ·07 | ·03 | – | – | – | ·78 | – | ·06 | – | ·26 | = | | 11 |
| 12 | – | ·01 | ·66 | – | – | – | ·01 | – | ·07 | – | = | = | | 12 |
| 13 | – | S ·12 | ·10 | = | – | – | – | – | ·04 | – | ·02 | = | | 13 |
| 14 | – | S ·04 | ·01 | ·07 | ·09 | – | ·37 | – | – | ·03 | – | ·17 | | 14 |
| 15 | – | – | ·03 | ·02 | ·20 | – | – | – | – | – | ·10 | ·02 | | 15 |
| 16 | S ·19 | – | – | – | = | – | ·13 | – | ·38 | ·40 | ·02 | – | | 16 |
| 17 | – | – | ·25 | – | = | – | 1·43 | – | ·02 | ·03 | ·58 | ·01 | | 17 |
| 18 | – | S ·09 | ·10 | ·48 | = | – | ·03 | ·32 | ·14 | – | ·18 | ·05 | | 18 |
| 19 | – | ·09 | ·01 | ·04 | = | – | ·06 | – | – | ·01 | ·33 | ·02 | | 19 |
| 20 | – | – | – | ·15 | – | – | ·08 | ·19 | ·01 | ·03 | ·04 | – | | 20 |
| 21 | S ·22 | – | – | ·01 | – | ·22 | – | – | – | ·09 | ·40 | = | | 21 |
| 22 | S ·02 | – | ·02 | – | ·06 | – | ·22 | ·01 | ·33 | ·17 | – | = | | 22 |
| 23 | – | – | ·01 | ·15 | – | – | ·12 | – | ·01 | ·03 | ·03 | ·02 | | 23 |
| 24 | ·08 | ·03 | – | ·07 | ·05 | – | – | – | – | ·22 | ·03 | ·08 | | 24 |
| 25 | – | – | – | = | ·02 | – | – | – | – | ·12 | = | = | | 25 |
| 26 | S ·55 | ·02 | – | – | ·14 | – | ·39 | ·05 | ·01 | – | = | – | | 26 |
| 27 | S ·33 | ·13 | – | ·66 | – | – | – | – | – | ·03 | = | – | | 27 |
| 28 | S ·28 | ·52 | – | – | ·25 | – | – | ·02 | – | – | = | = | | 28 |
| 29 | S ·01 | = | ·23 | – | ·18 | ·02 | ·03 | – | – | – | = | ·18 | | 29 |
| 30 | S ·14 | ✕ | – | – | – | – | – | – | – | ·58 | – | ·51 | | 30 |
| 31 | S ·29 | ✕ | ·02 | ✕ | – | ✕ | – | – | ✕ | ·31 | ✕ | S ·32 | | 31 |
| TOTAL | 2·20 | 1·81 | 1·62 | 1·92 | 1·21 | ·24 | 5·28 | ·62 | 1·14 | 3·05 | 3·01 | 1·91 | Year's Total 24·01 | |
| * Days with .01 in. or more. | 13 | 16 | 14 | 14 | 11 | 2 | 17 | 8 | 12 | 20 | 18 | 7 | 162 | |
| * Days with .04 in. or more. | 9 | 11 | 7 | 10 | 9 | 1 | 13 | 3 | 7 | 13 | 12 | 9 | 104 | |
| | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | Ga | RSB | B | B.T. | | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................ B.Sc. M.Inst C.E.

P.T.O.

302

3503

Section **A** for the entry of

AIR MINISTRY

PY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

# REGIST

*Kept at* 35 Stanhope

*in the County of* D

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to th*

*year in the space on the right of this*

wing

Jan. 1, following

3503

DARLINGTON, 35 STANHOPE RD.

1931 — 36

780701

| Date | Jan. | Feb. | March | A | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | in. | in. | |
| 1 | — | .01 | .30 | — | — | — | — | — | .23 | .01 | — | .01 | 1 |
| 2 | — | .05 | — | .59 | — | .57 | — | — | .89 | .01 | — | .36 | 2 |
| 3 | — | .25 | — | 09 | — | .08 | .11 | — | .69 | — | .28 | .10 | 3 |
| 4 | — | .09 | — | 07 | — | — | .04 | — | .76 | | .06 | .06 | 4 |
| 5 | — | .01 | — | — | .05 | .63 | .40 | .07 | 01 | 3rd to 15th absent from home<br>fall included in 15th | — | .25 | 5 |
| 6 | — | .14 | .04 | — | — | 17 | .94 | .19 | 03 | | — | — | 6 |
| 7 | — | | .06 | — | — | 08 | — | .21 | — | | .16 | — | 7 |
| 8 | — | | .18 | .04 | .11 | 14 | .51 | .01 | — | | .10 | — | 8 |
| 9 | — | .08 | .22 | .08 | .11 | 07 | .07 | .15 | — | | .23 | — | 9 |
| 10 | — | .02 | .16 | — | .09 | .17 | — | — | — | | .13 | — | 10 |
| 11 | .05 | .25 | .02 | .03 | — | .06 | .05 | — | .01 | | — | — | 11 |
| 12 | .11 | — | — | — | — | .10 | 1.55 | .27 | — | | — | — | 12 |
| 13 | .06 | — | 11 | — | .01 | .03 | .01 | .06 | — | | — | — | 13 |
| 14 | .02 | .08 | .06 | — | — | .58 | .45 | .58 | — | — | .19 | .04 | 14 |
| 15 | — | .03 | — | .22 | .13 | .01 | .08 | .14 | — | .20 | .04 | — | 15 |
| 16 | — | .19 | — | .10 | — | .04 | .05 | .70 | .40 | — | — | — | 16 |
| 17 | .04 | .13 | — | .46 | — | .02 | 09 | .07 | .01 | — | .01 | — | 17 |
| 18 | .10 | .04 | — | .29 | — | .23 | .13 | .01 | — | — | .36 | — | 18 |
| 19 | .03 | — | — | .07 | — | .19 | — | .92 | .11 | .03 | .01 | — | 19 |
| 20 | .01 | .01 | — | .15 | — | .02 | — | .04 | .02 | — | .03 | .03 | 20 |
| 21 | .02 | — | — | — | .08 | — | — | .03 | — | — | — | — | 21 |
| 22 | .20 | .02 | — | .08 | .23 | .07 | — | — | .01 | — | .17 | — | 22 |
| 23 | .30 | — | — | .10 | .70 | .19 | .02 | — | .01 | .07 | — | — | 23 |
| 24 | .05 | — | — | .21 | .38 | — | .11 | .02 | .01 | .04 | .01 | — | 24 |
| 25 | .03 | — | — | .04 | .01 | — | .09 | — | — | — | .02 | — | 25 |
| 26 | .01 | — | — | .20 | — | — | — | .01 | — | — | .38 | — | 26 |
| 27 | .03 | — | — | *R | — | — | — | — | — | .04 | .15 | .01 | 27 |
| 28 | .23 | .03 | .02 | .22 | .36 | — | .01 | — | 01 | — | — | .03 | 28 |
| 29 | .32 | × | .03 | — | .06 | — | .21 | — | — | .48 | 03 | .18 | 29 |
| 30 | .04 | × | — | — | .73 | .01 | .03 | — | — | — | — | — | 30 |
| 31 | .32 | × | — | × | 03 | × | — | — | × | .03 | × | — | 31 |
| TOTAL | 1.97 | 1.43 | 1.20 | 3.04 | 3.08 | 3.46 | 4.75 | 3.58 | 3.20 | 0.91 | 2.36 | 1.07 | YEAR'S TOTAL<br>30.05 |
| *Days with ·01 in. or more. | 18 | 17 | 11 | 19 | 15 | 21 | 20 | 17 | 15 | —10 | 18 | 10 | ~~187~~ 191 |
| *Days with ·04 in. or more. | 12 | 10 | 8 | 17 | 12 | 16 | 16 | 13 | 6 | —6 | 12 | 6 | 134 |

40-9999

*See Instruction 2 (f) on other side.

M

* Rainfall included in next Day.

(Signed) A W McClure

P.T.O.

302

3503

Section **A** for the entry of … PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* 35 Stanhope Road, Darlington
*in the County of* Durham

dup ✓

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 12 in.
,, Ground ,, Sea Level 180 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | .01 | .30 | — | — | — | — | — | .23 | .01 | — | .01 | 1 |
| 2 | — | .05 | — | .59 | — | .57 | — | — | .89 | .01 | — | .36 | 2 |
| 3 | — | .25 | — | 09 | — | .08 | .11 | — | .69 | — | .28 | .10 | 3 |
| 4 | — | .09 | — | 07 | — | — | .04 | — | .76 | | .06 | .06 | 4 |
| 5 | — | .01 | — | — | .05 | .63 | .40 | .07 | 01 | | — | .25 | 5 |
| 6 | — | .14 | .04 | — | — | 17 | .94 | .19 | 03 | | — | — | 6 |
| 7 | — | | .06 | — | — | 08 | — | .21 | — | | .16 | — | 7 |
| 8 | — | | .18 | .04 | .11 | 14 | .51 | .01 | — | | .10 | — | 8 |
| 9 | — | .08 | .22 | .08 | .11 | 07 | .07 | .15 | — | | .23 | — | 9 |
| 10 | — | .02 | .16 | — | .09 | .17 | — | — | — | | .13 | — | 10 |
| 11 | .05 | .25 | .02 | .03 | — | .06 | .05 | — | .01 | | — | — | 11 |
| 12 | .11 | — | — | — | — | .10 | 1.55 | .27 | — | | — | — | 12 |
| 13 | .06 | — | 11 | — | .01 | .08 | .01 | .06 | — | | — | — | 13 |
| 14 | .02 | .08 | .06 | — | — | .58 | .45 | .58 | — | — | .19 | .04 | 14 |
| 15 | — | .03 | — | .22 | .13 | .01 | .08 | .14 | — | .20 | .04 | — | 15 |
| 16 | — | .19 | — | .10 | — | .04 | .05 | .70 | .40 | — | — | — | 16 |
| 17 | .04 | .13 | — | .46 | — | .02 | .09 | .07 | .01 | — | .01 | — | 17 |
| 18 | .10 | .04 | — | .29 | — | .23 | .13 | .01 | — | — | .36 | — | 18 |
| 19 | .03 | — | — | .07 | — | .19 | — | .92 | .11 | .03 | .01 | — | 19 |
| 20 | .01 | .01 | — | .15 | — | .02 | | .04 | .02 | — | .03 | .03 | 20 |
| 21 | .02 | — | — | — | .08 | — | — | .03 | — | — | — | — | 21 |
| 22 | 20 | .02 | — | .08 | .23 | .07 | — | — | .01 | — | .17 | — | 22 |
| 23 | .30 | — | — | .10 | .70 | .19 | .02 | — | .01 | .07 | — | — | 23 |
| 24 | .05 | — | — | .21 | .38 | — | .11 | .02 | .01 | .04 | .01 | — | 24 |
| 25 | .03 | — | — | .04 | .01 | — | .09 | — | — | — | .02 | — | 25 |
| 26 | .01 | — | — | .20 | — | — | — | .01 | — | — | .38 | — | 26 |
| 27 | .03 | — | — | *R | — | — | — | — | — | .04 | .15 | .01 | 27 |
| 28 | .23 | .03 | .02 | .22 | .36 | — | .01 | — | 01 | — | — | .03 | 28 |
| 29 | .32 | X | .03 | — | .06 | — | .21 | — | — | .48 | 03 | .18 | 29 |
| 30 | .04 | X | — | — | .73 | .01 | .03 | — | — | — | — | — | 30 |
| 31 | .32 | X | — | X | 03 | X | — | — | X | .03 | X | — | 31 |
| TOTAL | 1.97 | 1.43 | 1.20 | 3.04 | 3.08 | 3.46 | 4.75 | 3.58 | 3.20 | 0.91 | 2.36 | 1.07 | YEAR'S TOTAL 30.05 |
| *Days with ·01 in. or more. | 18 | 17 | 11 | 19 | 15 | 21 | 20 | 17 | 15 | —10 | 18 | 10 | 191 ~~184~~ |
| †Days with ·04 in. or more. | 12 | 10 | 8 | 17 | 12 | 16 | 16 | 13 | 6 | —6 | 12 | 6 | 134 |

3 to 15 absent from home
fall all included – 15th

40-9999

* Rainfall included in next Day.

*See Instruction 2 (M) on other side.

(Signed) A W McClure

P.T.O.

# COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3503

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* 35 Stanhope Road Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 12 in.

,, Ground ,, Sea Level 180 ft.

35, STANHOPE ROAD,
DARLINGTON.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·22 | — | — | ·06 | ·24 | — | ·01 | — | ·28 | ·05 | ·01 | ·08 | 1 |
| 2 | — | — | — | — | ·49 | — | ·16 | — | ·34 | ·05 | ·07 | ·11 | 2 |
| 3 | — | — | — | ·01 | — | — | ·4 | ·07 | — | ·11 | — | ·08 | 3 |
| 4 | ·01 | — | — | — | ·10 | — | ·25 | — | — | — | — | — | 4 |
| 5 | 08 | — | ·06 | — | ·15 | — | — | — | ·09 | — | — | 06 | 5 |
| 6 | 25 | — | ·02 | ·03 | — | — | — | — | ·02 | — | — | ·04 | 6 |
| 7 | — | — | ·10 | ·03 | ·11 | — | ·04 | — | ·22 | ·19 | — | ·01 | 7 |
| 8 | — | ·07 | — | ·05 | — | — | — | — | ·05 | ·31 | ·05 | ·10 | 8 |
| 9 | ·20 | ·17 | ·02 | ·03 | — | | — | — | — | ·24 | ·01 | ·06 | 9 |
| 10 | ·12 | ·17 | ·04 | ·02 | — | | — | — | ·12 | ·48 | — | ·09 | 10 |
| 11 | — | ·14 | ·03 | ·03 | ·28 | | 1·06 | — | — | ·06 | ·01 | — | 11 |
| 12 | ·29 | ·01 | — | — | ·15 | | ·02 | — | — | ·06 | ·05 | — | 12 |
| 13 | ·02 | ·13 | — | ·09 | ·03 | | ·02 | — | ·72 | — | ·02 | ·12 | 13 |
| 14 | ·19 | — | — | ·01 | — | | — | — | — | ·01 | ·02 | ·05 | 14 |
| 15 | ·02 | — | — | ·02 | 02 | | — | — | — | ·02 | ·05 | — | 15 |
| 16 | ·21 | — | ·01 | [illegible] | — | | ·01 | — | — | — | ·03 | | 16 |
| 17 | — | — | — | ·02 | — | | ·11 | — | 01 | ·06 | ·01 | ·03 | 17 |
| 18 | — | — | — | ·06 | ·04 | | — | — | — | — | ·01 | — | 18 |
| 19 | — | ·01 | ·02 | ·03 | ·07 | | ·05 | — | — | ·15 | — | — | 19 |
| 20 | — | — | ·04 | — | ·15 | | — | ·38 | — | ·17 | — | — | 20 |
| 21 | ·02 | — | ·45 | ·35 | 1·21 | | ·05 | 1·00 | — | ·48 | 03 | — | 21 |
| 22 | ·01 | — | ·34 | — | ·15 | | ·43 | — | — | ·05 | ·11 | — | 22 |
| 23 | — | ·06 | — | ·06 | — | | ·05 | — | ·04 | ·02 | ·07 | ·01 | 23 |
| 24 | — | ·02 | — | — | ·01 | | ·27 | — | ·07 | — | ·01 | ·01 | 24 |
| 25 | — | ·03 | — | ·15 | ·06 | | — | — | ·04 | ·23 | ·03 | ·01 | 25 |
| 26 | — | ·01 | — | — | ·17 | ·05 | ·32 | — | ·11 | ·13 | ·03 | ·01 | 26 |
| 27 | — | — | — | ·05 | ·06 | ·64 | ·28 | — | — | ·18 | 04 | ·01 | 27 |
| 28 | — | — | ·30 | ·15 | ·29 | ·21 | ·07 | ·06 | — | ·06 | — | [illegible] | 28 |
| 29 | — | — | ·16 | ·03 | ·04 | ·03 | ·40 | 1·00 | ·03 | ·25 | ·11 | ·15 | 29 |
| 30 | — | × | ·04 | — | — | ·31 | ·02 | ·03 | ·22 | ·10 | ·25 | ·03 | 30 |
| 31 | — | × | ·02 | × | — | × | 1·28 | — | × | ·01 | × | — | 31 |
| TOTAL | 1·74 | 0·82 | 1·55 | 1·28 | 3·82 | 1·24 | 4·94 | 2·54 | 2·36 | 3·37 | 1·02 | 1·06 | YEAR'S TOTAL<br>25·7 |
| *Days with ·01 in. or more. | 13 | 11 | 15 | 20 | 20 | 5 | 21 | 6 | 15 | 24 | 21 | 19 | 190 |
| *Days with ·04 in. or more. | 7 | 6 | 9 | 9 | 17 | 4 | 16 | 5 | 12 | 19 | 9 | 11 | 124 |

The Gauge was not cleared on these days
but [illegible]

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*See Instruction 2 (f) on other side.

(Signed) A. Wm. Clyde

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3503 ~~3053~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

Kept at 35 Stanhope Rd Darlington

in the County of Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 12 in.

,, Ground ,, Sea Level 180 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·08 | ·01 | ·13 | — | — | — | — | ·01 | — | — | ·15 | ·01 | | 1 |
| 2 | ·08 | — | ·15 | — | — | — | — | — | — | — | ·41 | ·02 | | 2 |
| 3 | ·01 | ·07 | ·24 | — | ·37 | — | — | — | — | — | ·46 | — | | 3 |
| 4 | ·21 | ·04 | ·01 | — | ·04 | — | — | — | — | — | — | — | | 4 |
| 5 | ·07 | — | ·05 | — | ·23 | — | — | — | — | — | — | — | | 5 |
| 6 | — | ·02 | — | — | ·41 | — | — | — | — | — | — | ·08 | | 6 |
| 7 | — | ·10 | — | — | ·03 | — | — | — | ·02 | ·25 | — | — | | 7 |
| 8 | — | — | ·11 | — | ·02 | — | ·18 | — | — | — | — | ·14 | | 8 |
| 9 | ·01 | ·34 | — | ·01 | ·01 | — | ·12 | — | — | ·22 | ·05 | — | | 9 |
| 10 | — | ·05 | — | — | — | ·12 | ·08 | — | — | ·41 | ·02 | ·07 | | 10 |
| 11 | — | — | — | — | ·04 | — | ·02 | — | — | ·09 | — | — | | 11 |
| 12 | ·03 | — | ·02 | — | ·01 | 22 | ·02 | — | — | — | — | ·11 | | 12 |
| 13 | — | — | — | — | ·12 | — | ·10 | ·08 | ·03 | ·01 | ·10 | ·01 | | 13 |
| 14 | ·21 | — | — | — | — | — | ·01 | — | — | — | ·43 | ·03 | | 14 |
| 15 | ·41 | — | ·02 | — | — | — | ·44 | ·02 | — | ·11 | ·30 | — | | 15 |
| 16 | ·35 | — | ·07 | ·05 | ·24 | ·14 | 06 | ·01 | — | ·01 | ·25 | — | | 16 |
| 17 | ·15 | ·07 | ·10 | ·05 | ·01 | ·10 | — | — | ·02 | ·02 | ·37 | ·11 | | 17 |
| 18 | — | ·32 | ·02 | ·09 | — | 1·05 | Total Rainfall for these thirteen days taken on July 31st. House closed | ·63 | — | — | ·10 | ·04 | | 18 |
| 19 | — | ·02 | ·76 | — | — | ·08 | | — | — | — | ·03 | ·03 | | 19 |
| 20 | — | ·01 | — | 02 | — | — | | — | ·17 | ·12 | ·04 | — | | 20 |
| 21 | — | ·03 | — | — | — | ·03 | | ·01 | ·04 | ·07 | ·03 | ·02 | | 21 |
| 22 | — | ·25 | — | — | — | — | | — | ·25 | ·77 | — | — | | 22 |
| 23 | ·01 | ·14 | — | — | ·20 | ·46 | | ·02 | ·11 | ·02 | ·02 | — | | 23 |
| 24 | — | ·30 | — | ·25 | ·30 | ·16 | | — | ·20 | — | ·06 | ·21 | | 24 |
| 25 | — | 1·08 | — | ·25 | — | ·01 | | ·01 | ·33 | ·19 | ·02 | ·03 | | 25 |
| 26 | ·01 | ·76 | — | ·04 | ·13 | — | | — | — | ·02 | ·02 | ·29 | | 26 |
| 27 | — | ·11 | — | — | ·06 | — | | — | ·01 | ·34 | — | — | | 27 |
| 28 | — | — | — | ·05 | — | — | | ·06 | ·01 | ·33 | ·01 | ·05 | | 28 |
| 29 | — | × | — | ·25 | — | — | | ·01 | — | ·03 | — | ·03 | | 29 |
| 30 | ·04 | × | — | — | — | — | | — | 09 | — | — | ·09 | | 30 |
| 31 | ·06 | × | ·04 | × | — | × | ·86 | ·02 | × | — | × | — | | 31 |
| TOTAL | 1·73 | 3·71 | 1·75 | 1·06 | 2·22 | 2·37 | 1·89 | 0·28 | 1·28 | 3·01 | 3·17 | 1·37 | Year's Total 23·86 | |
| *Days with ·01 in. or more. | 15 | 18 | 13 | 10 | 16 | 10 | 15 | 11 | 12 | 17 | 19 | 18 | 174 | |
| *Days with ·04 in. or more. | 10 | 13 | 9 | 8 | 11 | 8 | 9 | 2 | 7 | 10 | 12 | 10 | 109 | |

40-9999

*See Instruction 2 (*f*) on other side.

35, STANHOPE ROAD,
DARLINGTON.

† Spare column, no entries required.

(*Signed*) A W McClose.

[P. T. O.

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FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* 35 Stanhope Road. Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 12 in.

,, Ground ,, Sea Level 180 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·10 | — | — | — | — | — | — | ·12 | ·01 | — | — | ·17 | | 1 |
| 2 | ·02 | ·01 | ·02 | — | — | — | — | ·13 | ·10 | — | ·10 | ·44 | | 2 |
| 3 | — | ·02 | — | ·02 | — | — | — | — | — | ·10 | ·06 | ·07 | | 3 |
| 4 | ·03 | — | ·01 | ·11 | — | — | — | — | 02 | ·05 | ·02 | ·54 | | 4 |
| 5 | — | — | ·07 | ·08 | ·12 | — | — | ·20 | 02 | ·01 | ·21 | ·43 | | 5 |
| 6 | ·01 | — | — | ·01 | ·43 | ·01 | — | ·38 | 06 | ·08 | — | ·32 | | 6 |
| 7 | ·03 | ·02 | ·01 | ·01 | ·06 | ·15 | — | — | — | — | — | ·19 | | 7 |
| 8 | — | — | — | — | ·11 | ·39 | — | ·03 | 01 | ·01 | — | ·09 | | 8 |
| 9 | ·02 | — | ·01 | ·36 | — | — | — | — | 03 | ·02 | ·78 | ·05 | | 9 |
| 10 | ·03 | — | ·26 | ·09 | — | — | — | ·20 | — | — | ·32 | — | | 10 |
| 11 | ·15 | — | ·25 ~~·41~~ | ·46 | — | — | — | — | — | — | ·01 | ·09 | | 11 |
| 12 | — | — | ·40 | ·45 | — | — | ·08 | ·11 | — | — | ·05 | ·10 | | 12 |
| 13 | ·46 | — | ·06 | ·08 | — | — | ·35 | ·04 | — | — | ·02 | — | | 13 |
| 14 | ·12 | — | ·17 | — | ·05 | — | ·06 | — | — | ·09 | ·02 | ·20 | | 14 |
| 15 | — | — | ·06 | — | ·13 | — | — | ·03 | — | ·25 | ·11 | ·10 | | 15 |
| 16 | ·17 | — | ·12 | — | ·12 | ·11 | — | — | — | — | ·10 | — | | 16 |
| 17 | ·06 | — | ·07 | — | ·02 | — | ·30 | — | ·25 | ·07 | — | ·18 | | 17 |
| 18 | ·09 | — | [illegible] | ·05 | ·26 | ·20 | — | ·02 | — | — | — | ·05 | | 18 |
| 19 | — | — | ·09 | ·51 | ·02 | ·11 | — | — | ·05 | ·02 | ·01 | — | | 19 |
| 20 | — | — | ·10 | — | — | ·21 | — | ·05 | — | — | — | — | | 20 |
| 21 | ·02 | — | — | ·01 | — | ·51 | — | ·04 | ·16 | ·07 | — | — | | 21 |
| 22 | — | — | — | — | — | ·09 | — | 32 | ·12 | ·02 | — | ·03 | | 22 |
| 23 | — | — | ·08 | ·04 | ·63 | — | ·12 | — | — | ·21 | ·02 | ·01 | | 23 |
| 24 | — | — | — | ·21 | — | ·08 | ·01 | — | ·15 | ·32 | ·02 | ·05 | | 24 |
| 25 | ·02 | — | — | — | 01 | — | — | — | ·16 | ·30 | — | ·60 | | 25 |
| 26 | ·11 | — | — | ·46 | — | ·05 | ·03 | — | ·03 | ·09 | — | ·02 | | 26 |
| 27 | — | ·35 | — | ·08 | — | ·10 | — | — | — | ·11 | — | ·15 | | 27 |
| 28 | — | — | ·01 | ·36 | — | — | — | ·16 | — | ·02 | — | ·30 | | 28 |
| 29 | — | — | ·02 | ·03 | — | — | 05 | ·11 | ·46 | ·19 | — | ·03 | | 29 |
| 30 | ·14 | × | — | — | — | — | ·19 | ·02 | ·03 | ·44 | — | ·04 | | 30 |
| 31 | ·03 | × | — | × | — | × | ·01 | ·37 | × | ·02 | × | ·02 | | 31 |
| TOTAL | 1·61 | 0·40 | 1·82 | 3.42 | 1·36 | 2·01 | 1·40 | 2·33 | 1·65 | 2·49 | 1·85 | 4·27 | Year's Total<br>24·61 | |
| *Days with ·01 in. or more. | 18 | 4 | 18 | 19 | 12 | 12 | 10 | 17 | 16 | 21 | 15 | 25 | 187 | |
| *Days with .04 in. or more. | 9 | 1 | 12 | 15 | 8 | 11 | 7 | 13 | 9 | 14 | 8 | 20 | 127 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) A W Melrose

[P.T.O.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·63 | — | ·07 | ·05 | — | — | ·02 | — | ·54 | R | ·05 | ·08 | | 1 |
| 2 | — | ·01 | ·01 | ·02 | — | ·04 | — | — | — | R | ·03 | — | | 2 |
| 3 | — | ·55 | ·10 | ·11 | — | ·05 | — | — | ·05 | 1·00 | ·23 | — | | 3 |
| 4 | — | — | ·01 | — | — | ·36 | — | — | — | ·31 | ·05 | — | | 4 |
| 5 | ·08 | — | — | — | — | ·14 | — | — | ·30 | ·03 | ·03 | — | | 5 |
| 6 | ·31 | ·26 | — | — | — | ·23 | — | — | — | ·08 | — | — | | 6 |
| 7 | ·15 | ·03 | — | ·07 | — | ·20 | — | — | — | ·07 | ·21 | ·04 | | 7 |
| 8 | — | — | — | ·15 | — | ·07 | — | — | — | ·05 | ·04 | ·14 | | 8 |
| 9 | ·02 | ·02 | — | ·26 | — | ·09 | — | — | — | ·42 | ·17 | — | | 9 |
| 10 | — | ·05 | — | ·02 | — | ·10 | — | — | — | ·07 | ·21 | — | | 10 |
| 11 | ·10 | — | — | — | — | ·01 | — | ·35 | — | ·03 | ·05 | ·04 | | 11 |
| 12 | — | ·01 | — | — | — | 03 | — | — | ·01 | — | — | — | | 12 |
| 13 | ·12 | ·02 | — | 05 | ·16 | — | ·55 | — | ·10 | — | — | — | | 13 |
| 14 | — | — | 02 | ·12 | ·18 | ·05 | ·15 | — | ·05 | — | ·36 | ·14 | | 14 |
| 15 | — | ·05 | — | ·34 | ·14 | — | — | — | ·28 | — | ·12 | ·06 | | 15 |
| 16 | — | ·24 | 10 | ·09 | ·21 | ·04 | ·02 | ·04 | ·21 | — | ·46 | ·[illegible]3 | | 16 |
| 17 | — | — | — | ·11 | ·02 | ·16 | — | ·21 | ·03 | ·01 | ·97 | ·02 | | 17 |
| 18 | ·05 | — | — | — | — | ·04 | ·02 | — | ·07 | ·16 | ·06 | ·02 | | 18 |
| 19 | ·02 | — | — | ·06 | — | ·22 | ·10 | — | — | ·11 | ·18 | — | | 19 |
| 20 | — | ·14 | — | ·13 | — | ·09 | ·01 | — | — | — | ·11 | — | | 20 |
| 21 | — | ·04 | — | ·75 | — | — | — | — | R | ·08 | ·12 | — | | 21 |
| 22 | — | ·21 | — | ·18 | — | — | — | — | 1·43 | ·01 | ·03 | — | | 22 |
| 23 | — | — | ·15 | — | — | — | — | ·30 | — | ·15 | ·02 | — | | 23 |
| 24 | — | ·65 | ·10 | ·02 | — | — | — | — | (1·20) R | — | — | ·24 | | 24 |
| 25 | ·23 | ·05 | — | — | — | — | — | — | — | [illegible] | ·01 | ·10 | | 25 |
| 26 | ·75 | — | — | — | — | ·07 | ·12 | ·89 | (·30) ~~1·50~~ | ·01 | — | ·12 | | 26 |
| 27 | ·06 | ·12 | — | — | — | ·02 | ·01 | — | R | ·02 | ·12 | ·18 | | 27 |
| 28 | ·07 | ·06 | — | — | — | ·01 | — | ·07 | R | 0·28 | ·02 | — | | 28 |
| 29 | — | × | ·9 | — | — | — | — | ·19 | R | ·08 | ·08 | ·08 | | 29 |
| 30 | — | × | — | — | — | ·32 | — | ·12 | ·75 | ·25 | ·35 | — | | 30 |
| 31 | — | × | — | × | — | × | — | ·04 | × | ·02 | × | 30 | | 31 |
| TOTAL | 2·59 | 2·51 | 0.65 | 2.53 | 0·71 | 2.34 | 1.00 | 2.27 | 5·32 | 4·25 | 4·10 | 1.79 | Year's Total.<br>30.06 | |
| * Days with .01 in. or more. | 13 | 17 | 9 | 17 | 5 | 21 | 9 | 9 | 18 | 23 | 25 | 15 | 181 | ✓ |
| * Days with .04 in. or more. | 11 | 12 | 6 | 14 | 4 | 17 | 4 | 9 | 16 | 17 | 20 | 13 | 143 | ✓ |

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† Spare column, no entries required.

(*Signed*) [P.T.O.

* See Instruction 2 (f) on other side.

29th year.

COPY FOR OFFICIAL USE.

Section **A** For the entry of Daily Observations. Station No. 3503.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* 35 (Stanhope Rd.) Darlington

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 12 in.

,, Ground ,, Sea Level 180 ft.

25.4 Millimetres = 1 inch of rain.

Part Oct, Nov & Dec totals est – also days.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .11 | .12 | .26 | .05 | — | .07 | .03 | .27 | .09 | — | | | | 1 |
| 2 | — | — | .04 | — | — | .24 | .10 | .02 | — | — | | | | 2 |
| 3 | — | .085 | .09 | — | — | .91 | — | — | .31 | — | | | | 3 |
| 4 | .15 | — | | — | .02 | .12 | — | .45 | .16 | .03 | | | | 4 |
| 5 | .06 | — | — | — | — | .04 | — | .25 | .02 | — | | | | 5 |
| 6 | .05 | — | .01 | — | .03 | — | .01 | .60 | .51 | — | | | | 6 |
| 7 | .06 | — | .02 | — | — | — | .27 | — | — | — | | | | 7 |
| 8 | .13 | — | .26 | — | — | — | — | — | — | .18 | | | | 8 |
| 9 | .68 | .01 | .36 | — | .04 | .84 | .092 | — | — | — | | | | 9 |
| 10 | .04 | — | — | .03 | — | — | — | — | - | — | | | | 10 |
| 11 | — | — | — | .13 | — | — | .04 | .27 | .07 | — | | | | 11 |
| 12 | — | — | — | .29 | .10 | .37 | .07 | .04 | .17 | — | | | | 12 |
| 13 | — | — | — | .16 | .02 | .08 | — | — | — | .15 | | | | 13 |
| 14 | — | — | — | .16 | — | .24 | .08 | .07 | 1.74 | — | | | | 14 |
| 15 | .095 | — | — | .15 | .03 | .08 | .26 | .02 | .11 | — | | | | 15 |
| 16 | — | — | — | — | — | .04 | — | — | — | — | | | | 16 |
| 17 | .043 | .45 | — | — | .05 | — | .18 | — | — | — | | | | 17 |
| 18 | — | .03 | — | .34 | — | — | .02 | .15 | — | .15 | | | | 18 |
| 19 | .105 | .17 | — | — | — | — | .22 | .03 | — | — | | | | 19 |
| 20 | .07 | .13 | — | .03 | .01 | — | — | — | — | .04 | | | | 20 |
| 21 | — | .37 | — | — | — | .72 | — | — | — | — | | | | 21 |
| 22 | .015 | .03 | — | — | .02 | .34 | .05 | — | — | — | | | | 22 |
| 23 | — | | .05 | .05 | .13 | — | .46 | — | — | — | | | | 23 |
| 24 | .07 | .15 | .01 | — | .82 | — | — | — | 0.35 | — | | | | 24 |
| 25 | .36 | — | .78 | — | — | — | .03 | — | 0.67 | .15 | | | | 25 |
| 26 | .06 | .08 | .07 | — | — | — | .03 | — | .05 | (.30) | | | | 26 |
| 27 | .04 | .03 | — | — | — | — | .15 | — | .20 | (.15) | | | | 27 |
| 28 | .21 | .70 | — | .01 | — | — | .05 | — | — | | | | | 28 |
| 29 | .50 | .855 | .14 | — | .71 | .58 | — | — | — | | | | | 29 |
| 30 | .02 | × | .01 | — | .02 | .47 | .45 | — | — | (.30) | | | | 30 |
| 31 | .32 | × | .04 | × | (.01) | × | — | — | × | | × | | | 31 |
| TOTAL | 3.33 | 3.41 | 2.12 | 1.40 | 2.01 | 3.74 | 3.42 | 2.17 | 4.43 | (1.45) | (2.50) | (1.60) | Year's Total (31.68) | |
| * Days with .01 in. or more. | 21 | 15 | 15 | 11 | 14 | 15 | 19 | 11 | 13 | (9) | (20) | (15) | (178) | |
| * Days with .04 in. or more. | 17 | 11 | 10 | 8 | 6 | 15 | 14 | [illegible] | 12 | (8) | (10) | (7) | (126) | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

Signed X The late Rev A.W.M. C[illegible] – X

[P.T.O.

321

3504

**Section** A for the entry of

AIR MINISTRY

FORM 1090.

# REGIST

FOR OFFICIAL USE.

ORGANIZATION.

Kept at Dinsdale Fighti

in the County of Durham

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to*

*year in the space on the right of this*

*owing*

3504

DARLINGTON, FIGHTING COCKS RES.

1931 — 40

780701

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·26 | — | — | — | — | — | ·25 | — | — | — | 1 |
| 2 | — | ·04 | — | ·54 | — | ·50 | — | — | ·87 | — | — | ·29 | 2 |
| 3 | — | — | — | ·11 | — | ·09 | ·13 | — | ·72 | — | ·20 | ·07 | 3 |
| 4 | — | ·08 | — | ·06 | — | — | ·03 | — | 1·12 | — | ·10 | ·05 | 4 |
| 5 | — | — | — | — | ·02 | ·48 | ·07 | ·08 | — | — | — | ·20 | 5 |
| 6 | — | ·10 | ·07 | — | — | ·40 | ·70 | ·18 | ·01 | ·13 | — | — | 6 |
| 7 | — | — | ·02 | — | — | ·06 | ·72 | ·10 | — | — | ·19 | — | 7 |
| 8 | — | ·01 | ·12 | — | ·12 | ·40 | ·54 | ·18 | — | — | ·07 | — | 8 |
| 9 | — | ·06 | ·32 | ·07 | ·05 | ·04 | ·10 | ·11 | — | — | ·23 | — | 9 |
| 10 | ·01 | — | ·17 | — | ·09 | ·12 | — | — | — | — | ·17 | — | 10 |
| 11 | ·06 | ·16 | — | ·02 | — | ·03 | ·03 | — | — | — | ·01 | — | 11 |
| 12 | ·05 | — | — | — | — | ·08 | 1·51 | ·47 | — | ·16 | — | — | 12 |
| 13 | ·01 | — | ·13 | — | — | — | ·09 | ·05 | — | — | — | — | 13 |
| 14 | ·02 | ·12 | ·07 | — | — | ·72 | ·05 | ·55 | — | — | ·18 | ·03 | 14 |
| 15 | — | ·02 | — | ·19 | ·21 | — | ·15 | ·31 | — | — | ·06 | — | 15 |
| 16 | ·01 | ·21 | — | ·08 | — | ·06 | ·04 | ·31 | ·34 | — | — | — | 16 |
| 17 | — | ·11 | — | ·58 | — | ·05 | ·09 | ·08 | — | — | — | — | 17 |
| 18 | ·08 | ·05 | — | ·34 | — | ·16 | ·14 | — | — | — | ·37 | — | 18 |
| 19 | ·02 | ·01 | — | ·06 | — | ·31 | ·15 | 1·04 | ·09 | — | ·01 | — | 19 |
| 20 | — | — | — | ·02 | — | — | — | — | ·03 | — | ·04 | ·01 | 20 |
| 21 | — | — | — | ·04 | ·10 | — | — | ·03 | ·05 | — | ·01 | — | 21 |
| 22 | ·19 | — | — | ·03 | ·21 | ·09 | — | — | ·02 | — | — | — | 22 |
| 23 | ·25 | — | — | ·07 | ·05 | ·19 | ·05 | — | ·02 | — | ·14 | ·01 | 23 |
| 24 | ·02 | — | — | ·17 | ·52 | — | ·17 | ·05 | — | ·09 | — | — | 24 |
| 25 | ·01 | — | — | ·02 | — | — | ·18 | — | — | — | ·03 | — | 25 |
| 26 | — | — | — | ·10 | — | — | ·02 | — | — | — | ·34 | — | 26 |
| 27 | ·01 | — | — | ·17 | — | — | — | — | — | ·05 | ·09 | — | 27 |
| 28 | ·19 | — | — | ·04 | ·37 | — | ·01 | — | — | — | — | ·01 | 28 |
| 29 | ·28 | × | — | — | ·07 | — | ·18 | — | — | ·39 | ·01 | ·25 | 29 |
| 30 | ·04 | × | — | — | ·78 | — | ·03 | — | — | — | — | — | 30 |
| 31 | ·22 | × | — | × | ·11 | × | — | — | × | ·04 | × | — | 31 d |
| TOTAL | 1·47 | ·97 | 1·16 | 2·71 | 2·70 | 3·78 | 5·18 | 3·54 | 3·52 | ·86 | 2·25 | ·92 | YEAR'S TOTAL 29·06 |
| *Days with ·01 in. or more. | ~~17~~ | ~~12~~ | ~~8~~ | ~~19~~ | ~~13~~ | ~~17~~ | ~~23~~ | ~~14~~ | ~~11~~ | ~~6~~ | ~~18~~ | ~~9~~ | ~~167~~ |
| *Days with ·04 in. or more. | 9 | 9 | 7 | 15 | 12 | 16 | 18 | 13 | 7 | 6 | 13 | 5 | 139 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) G. R. Collinson

B. Sc. M.Inst. C.E.

[P.T.O.

3504

**Section** **A** for the entry of FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Dinsdale, Fighting Cocks Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·26 | — | — | — | — | — | ·25 | — | — | — | 1 |
| 2 | — | ·04 | — | ·54 | — | ·50 | — | — | ·87 | — | — | ·29 | 2 |
| 3 | — | — | — | ·11 | — | ·09 | ·13 | — | ·72 | — | ·20 | ·07 | 3 |
| 4 | — | ·08 | — | ·06 | — | — | ·03 | — | 1·12 | — | ·10 | ·05 | 4 |
| 5 | — | — | — | — | ·02 | ·48 | ·07 | ·08 | — | — | — | ·20 | 5 |
| 6 | — | ·10 | ·07 | — | — | ·40 | ·70 | ·18 | ·01 | ·13 | — | — | 6 |
| 7 | — | — | ·02 | — | — | ·06 | ·72 | ·10 | — | — | ·19 | — | 7 |
| 8 | — | ·01 | ·12 | — | ·12 | ·40 | ·54 | ·18 | — | — | ·07 | — | 8 |
| 9 | — | ·06 | ·32 | ·07 | ·05 | ·04 | ·10 | ·11 | — | — | ·23 | — | 9 |
| 10 | ·01 | — | ·17 | — | ·09 | ·12 | — | — | — | — | ·17 | — | 10 |
| 11 | ·06 | ·16 | — | ·02 | — | ·03 | ·03 | — | — | — | ·01 | — | 11 |
| 12 | ·05 | — | — | — | — | ·08 | 151 | ·47 | — | ·16 | — | — | 12 |
| 13 | ·01 | — | ·13 | — | — | — | ·09 | ·05 | — | — | — | — | 13 |
| 14 | ·02 | ·12 | ·07 | — | — | ·72 | ·05 | ·55 | — | — | ·18 | ·03 | 14 |
| 15 | — | ·02 | — | ·19 | ·21 | — | ·15 | ·31 | — | — | ·06 | — | 15 |
| 16 | ·01 | ·21 | — | ·08 | — | ·06 | 04 | ·31 | ·34 | — | — | — | 16 |
| 17 | — | ·11 | — | ·58 | — | ·05 | 09 | ·08 | — | — | — | — | 17 |
| 18 | ·08 | ·05 | — | ·34 | — | ·16 | ·14 | — | — | — | ·37 | — | 18 |
| 19 | ·02 | ·01 | — | ·06 | — | ·31 | ·15 | 1·04 | 09 | — | ·01 | — | 19 |
| 20 | — | — | — | ·02 | — | — | — | — | ·03 | — | ·04 | ·01 | 20 |
| 21 | — | — | — | ·04 | ·10 | — | — | ·03 | ·05 | — | ·01 | — | 21 |
| 22 | ·19 | — | — | ·03 | ·21 | ·09 | — | — | 02 | — | — | — | 22 |
| 23 | ·25 | — | — | ·07 | ·05 | ·19 | 05 | — | ·02 | — | ·14 | ·01 | 23 |
| 24 | ·02 | — | — | ·17 | ·52 | — | ·17 | ·05 | — | 09 | — | — | 24 |
| 25 | ·01 | — | — | ·02 | — | — | 18 | — | — | — | ·03 | — | 25 |
| 26 | — | — | — | ·10 | — | — | ·02 | — | — | — | ·34 | — | 26 |
| 27 | ·01 | — | — | ·17 | — | — | — | — | — | ·05 | ·09 | — | 27 |
| 28 | ·19 | — | — | ·04 | ·37 | — | ·01 | — | — | — | — | ·01 | 28 |
| 29 | ·28 | ✕ | — | — | ·07 | — | ·18 | — | — | 39 | ·01 | ·25 | 29 |
| 30 | ·04 | ✕ | — | — | ·78 | — | 03 | — | — | — | — | — | 30 |
| 31 | ·22 | ✕ | — | ✕ | ·11 | ✕ | — | — | ✕ | ·04 | ✕ | — | 31 d |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 1·47 | ·97 | 1·16 | 2·71 | 2·70 | 3·78 | 5·18 | 3·54 | 3·52 | ·86 | 2·25 | ·92 | 29·06 |
| *Days with ·01 in. or more. | ~~17~~ | ~~12~~ | ~~8~~ | ~~19~~ | ~~13~~ | ~~17~~ | ~~23~~ | ~~14~~ | ~~11~~ | ~~6~~ | ~~18~~ | ~~9~~ | ~~167~~ |
| *Days with ·04 in. or more. | 9 | 9 | 7 | 15 | 12 | 16 | 18 | 13 | 7 | 6 | 13 | 5 | 130 |

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(Signed) G. R. Collinson [P.T.O.

B. Sc. M. Inst. C.E.

*See Instruction 2 (*f*) on other side.

3504

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1099

# REGISTER OF RAINFALL IN 1932.

*Kept at* Darlington, Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

„ Ground „ Sea Level ............ ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | – | – | – | ·05 | ·15 | – | ·01 | ·10 | ·25 | ·14 | ·05 | ·03 | 1 |
| 2 | – | – | – | ·01 | ·61 | – | ·11 | – | ·32 | ·05 | ·05 | ·10 | 2 |
| 3 | – | – | – | ·01 | – | ·01 | ·06 | – | – | ·02 | – | ·11 | 3 |
| 4 | – | – | – | – | ·11 | – | ·16 | ·04 | – | – | – | – | 4 |
| 5 | ·10 | – | ·05 | – | ·10 | – | – | – | ·12 | – | – | ·12 | 5 |
| 6 | ·27 | – | – | ·02 | – | – | – | – | ·01 | – | – | ·05 | 6 |
| 7 | – | – | ·09 | ·01 | ·11 | – | – | – | ·13 | ·16 | ·05 | – | 7 |
| 8 | – | ·08 | – | ·02 | – | – | – | – | ·06 | ·26 | ·07 | – | 8 |
| 9 | ·33 | ·13 | ·01 | ·01 | – | – | – | – | ·01 | ·14 | ·05 | ·08 | 9 |
| 10 | ·38 | ·07 | – | ·06 | – | – | – | – | ·10 | ·59 | – | ·12 | 10 |
| 11 | – | ·25 | ·02 | ·01 | ·22 | ·13 | 1·64 | – | ·03 | ·04 | – | – | 11 |
| 12 | ·26 | ·04 | ·01 | – | ·13 | – | ·01 | ·01 | – | ·09 | ·05 | – | 12 |
| 13 | ·01 | ·29 | – | ·03 | ·02 | – | ·04 | ·01 | ·81 | – | – | ·13 | 13 |
| 14 | ·14 | ·04 | – | ·04 | – | – | – | – | – | ·02 | ·05 | – | 14 |
| 15 | ·01 | – | – | – | ·02 | – | – | – | – | ·02 | ·04 | ·05 | 15 |
| 16 | ·22 | – | – | – | – | – | – | – | – | – | ·02 | ·03 | 16 |
| 17 | – | – | – | ·01 | – | – | ·06 | – | – | ·05 | ·01 | ·01 | 17 |
| 18 | – | – | – | – | ·04 | – | – | – | – | – | – | – | 18 |
| 19 | – | – | – | ·05 | ·05 | – | ·01 | – | ·01 | ·14 | – | – | 19 |
| 20 | – | – | ·04 | ·02 | ·15 | – | – | ·25 | – | ·16 | – | – | 20 |
| 21 | ·01 | – | ·46 | ·03 | 1·56 | – | – | ·98 | – | ·48 | – | ·01 | 21 |
| 22 | – | – | ·51 | ·06 | ·05 | – | ·22 | – | – | ·03 | ·12 | ·01 | 22 |
| 23 | – | ·06 | – | ·06 | ·01 | – | ·06 | – | ·04 | ·03 | ·09 | – | 23 |
| 24 | – | ·04 | – | – | ·05 | – | ·22 | – | ·05 | – | – | – | 24 |
| 25 | – | ·04 | – | ·16 | ·06 | – | – | ·01 | ·03 | ·28 | ·05 | – | 25 |
| 26 | – | ·01 | – | ·01 | ·25 | – | ·16 | – | ·04 | ·10 | – | – | 26 |
| 27 | – | – | ·35 | ·04 | ·05 | ·65 | ·43 | – | ·07 | ·14 | ·05 | ·03 | 27 |
| 28 | – | – | ·05 | ·14 | ·28 | ·10 | ·09 | ·11 | – | ·01 | – | – | 28 |
| 29 | – | – | ·29 | ·03 | ·06 | – | ·22 | ·84 | ·02 | ·26 | ·12 | ·03 | 29 |
| 30 | – | × | ·03 | – | ·01 | ·33 | ·03 | – | ·21 | ·06 | ·42 | ·13 | 30 |
| 31 | – | × | ·04 | × | – | × | 1·11 | – | × | ·02 | × | ·12 | 31 |
| TOTAL | 1·73 | 1·05 | 1·95 | ·88 | 4·09 | 1·22 | 4·64 | 2·35 | 2·31 | 3·29 | 1·29 | 1·16 | YEAR'S TOTAL<br>25·96 |
| *Days with ·01 in. or more. | 10 | 11 | 13 | 22 | 22 | 5 | 18 | 9 | 18 | 24 | 16 | 17 | 185 |
| *Days with ·04 in. or more. | 7 | 10 | 9 | 9 | 18 | 4 | 14 | 6 | 12 | 17 | 14 | 10 | 139 |

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*See Instruction 2 (f) on other side.

M

(Signed) G. R. Collinson

B. Sc. M. Inst. C. E.

[P.T.O.

9/a

J. S. P.

3504

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | ·02 | ·19 | – | – | – | – | – | – | – | ·17 | – | 1 |
| 2 | ·12 | – | ·18 | – | – | – | – | – | – | – | ·76 | – | 2 |
| 3 | – | ·03 | ·20 | – | ·33 | – | – | – | – | – | ·36 | – | 3 |
| 4 | ·20 | ·02 | ·02 | – | ·04 | – | – | – | – | – | ·06 | – | 4 |
| 5 | ·04 | – | ·03 | – | ·18 | – | – | – | – | – | ·01 | – | 5 |
| 6 | – | ·01 | – | – | ·32 | – | – | – | – | – | – | ·07 | 6 |
| 7 | – | ·12 | – | – | ·04 | – | – | – | – | ·27 | – | – | 7 |
| 8 | ·03 | – | ·14 | ·02 | ·03 | ·01 | ·11 | – | – | – | – | ·17 | 8 |
| 9 | – | ·30 | – | ·01 | – | ·05 | ·17 | – | – | ·34 | ·03 | ·02 | 9 |
| 10 | – | ·03 | – | – | – | ·15 | ·11 | – | – | ·44 | ·07 | ·09 | 10 |
| 11 | ·01 | – | – | – | ·04 | – | ·04 | – | – | ·08 | – | – | 11 |
| 12 | ·01 | – | – | – | – | ·27 | ·08 | – | – | – | – | ·07 | 12 |
| 13 | – | – | ·01 | – | ·12 | – | ·07 | – | ·11 | ·01 | ·06 | ·01 | 13 |
| 14 | ·18 | – | – | – | – | – | ·09 | ·11 | – | – | ·26 | ·02 | 14 |
| 15 | ·50 | – | ·01 | – | – | – | ·17 | ·10 | – | ·07 | ·21 | ·16 | 15 |
| 16 | ·50 | – | ·05 | ·01 | ·20 | ·16 | ·02 | – | – | – | ·32 | – | 16 |
| 17 | ·18 | ·07 | ·10 | ·03 | – | ·10 | – | – | ·03 | ·01 | ·36 | – | 17 |
| 18 | – | ·30 | ·02 | ·11 | – | ·36 | – | ·03 | – | – | ·07 | ·03 | 18 |
| 19 | – | ·06 | ·60 | ·04 | – | ·06 | ·25 | – | – | – | ·05 | – | 19 |
| 20 | – | ·03 | – | ·01 | – | ·01 | – | ·01 | ·34 | ·10 | ·02 | – | 20 |
| 21 | – | ·01 | – | – | – | ·03 | – | – | ·10 | ·17 | ·04 | – | 21 |
| 22 | – | ·22 | – | – | – | – | – | – | – | ·97 | – | – | 22 |
| 23 | – | ·18 | – | – | ·08 | ·27 | – | ·03 | ·13 | ·01 | ·01 | – | 23 |
| 24 | – | ·23 | – | ·19 | ·26 | ·22 | – | – | ·18 | ·01 | ·08 | ·23 | 24 |
| 25 | – | ·60 | – | ·18 | – | – | – | – | ·32 | ·25 | – | ·03 | 25 |
| 26 | – | ·54 | – | ·04 | ·31 | – | – | – | – | ·03 | ·03 | ·33 | 26 |
| 27 | – | ·04 | – | – | ·03 | – | ·04 | – | ·02 | ·33 | ·02 | – | 27 |
| 28 | – | – | – | ·01 | – | – | ·02 | – | ·02 | ·41 | – | ·01 | 28 |
| 29 | – | × | – | ·31 | – | – | ·75 | – | – | ·31 | – | ·02 | 29 |
| 30 | ·04 | × | – | – | – | – | ·10 | – | ·06 | ·02 | – | ·19 | 30 |
| 31 | ·03 | × | ·03 | × | – | × | – | ·04 | × | – | × | – | 31 |
| TOTAL | 1·86 | 2·81 | 1·58 | ·96 | 1·98 | 1·69 | 2·02 | ·32 | 1·31 | 3·83 | 2·99 | 1·45 | YEAR'S TOTAL 22·80 |
| *Days with ·01 in. or more. | 13 | 18 | 13 | 12 | 13 | 12 | 14 | 6 | 10 | 18 | 20 | 15 | 164 |
| *Days with ·04 in. or more. | 8 | 11 | 7 | 6 | 11 | 9 | 12 | 3 | 7 | 12 | 14 | 8 | 108 |

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*See Instruction 2 (*f*) on other side.

(Signed) Geo. R. Coleman

B.Sc., M.Inst.C.E.

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Darlington Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·07 | - | ·01 | - | - | - | - | ·06 | ·30 | ·01 | ·01 | ·03 | | 1 |
| 2 | ·01 | ·01 | - | - | - | - | - | ·10 | ·09 | · | ·03 | ·49 | | 2 |
| 3 | - | ·01 | - | - | - | - | - | - | - | ·18 | ·06 | ·02 | | 3 |
| 4 | ·02 | - | ·02 | ·08 | - | - | - | - | - | ·06 | · | ·47 | | 4 |
| 5 | - | - | ·06 | ·09 | ·04 | - | - | ·02 | ·06 | · | ·30 | ·62 | | 5 |
| 6 | ·01 | - | - | - | ·64 | ·03 | - | ·68 | - | ·04 | ·03 | ·25 | | 6 |
| 7 | ·03 | - | - | ·02 | - | ·24 | - | - | ·02 | · | · | ·09 | | 7 |
| 8 | - | - | - | - | ·06 | ·11 | - | ·01 | ·02 | ·02 | · | ·15 | | 8 |
| 9 | ·01 | - | - | ·34 | - | - | - | - | - | ·02 | ·60 | ·02 | | 9 |
| 10 | ·01 | - | ·10 | ·08 | - | - | - | ·16 | - | · | ·32 | · | | 10 |
| 11 | ·17 | - | ·16 | ·43 | - | - | - | ·07 | - | · | ·04 | ·03 | | 11 |
| 12 | - | - | ·38 | ·47 | - | - | ·07 | ·03 | - | · | ·04 | ·07 | | 12 |
| 13 | ·30 | - | ·09 | ·04 | - | - | ·50 | ·08 | ·01 | · | ·01 | ·01 | | 13 |
| 14 | ·10 | - | ·10 | - | ·06 | ·05 | ·09 | - | - | ·05 | ·03 | ·19 | | 14 |
| 15 | - | - | ·10 | - | ·11 | - | - | ·03 | - | ·27 | ·03 | ·02 | | 15 |
| 16 | ·17 | - | ·12 | - | ·05 | ·03 | - | - | - | ·01 | ·08 | ·07 | | 16 |
| 17 | ·05 | - | ·04 | - | ·01 | - | ·25 | - | ·26 | ·05 | · | ·18 | | 17 |
| 18 | ·04 | - | - | ·05 | ·28 | ·19 | ·02 | ·03 | - | · | · | ·05 | | 18 |
| 19 | - | - | ·08 | ·39 | - | ·11 | - | - | ·01 | ·05 | · | - | | 19 |
| 20 | - | - | ·12 | ·01 | - | ·20 | - | ·03 | - | - | · | - | | 20 |
| 21 | ·01 | - | - | ·01 | - | ·46 | - | ·07 | ·09 | ·02 | · | · | | 21 |
| 22 | - | - | - | - | - | ·11 | - | ·16 | ·15 | ·01 | · | · | | 22 |
| 23 | - | - | ·07 | ·14 | - | - | ·11 | - | - | ·08 | ·01 | ·03 | | 23 |
| 24 | - | - | ·01 | ·05 | ·01 | ·17 | - | - | ·11 | ·41 | | - | | 24 |
| 25 | ·01 | - | - | ·21 | ·02 | - | ·01 | - | ·04 | ·17 | ·19 | ·45 | | 25 |
| 26 | ·09 | - | - | ·42 | - | ·03 | - | - | ·14 | ·05 | · | ·01 | | 26 |
| 27 | - | ·28 | - | ·08 | - | ·15 | ·02 | - | - | ·05 | · | ·10 | | 27 |
| 28 | - | ·10 | ·01 | ·32 | - | ·01 | - | ·14 | · | ·02 | · | ·24 | | 28 |
| 29 | - | X | - | - | - | - | ·06 | ·03 | ·44 | ·24 | · | ·05 | | 29 |
| 30 | ·14 | X | ·01 | - | - | - | ·24 | ·01 | ·03 | ·44 | · | ·02 | | 30 |
| 31 | ·03 | X | - | X | - | X | ·02 | ·09 | X | ·04 | X | · | | 31 |
| TOTAL | 1·27 | ·40 | 1·48 | 3·23 | 1·28 | 1·89 | 1·39 | 1·70 | 1·77 | 2·29 | 1·78 | 3·66 | Year's Total 22·14 | |
| *Days with ·01 in. or more. | 18 | 4 | 17 | 18 | 10 | 14 | 11 | 18 | 15 | 22 | 15 | 24 | 186 | |
| *Days with .04 in. or more. | 9 | 2 | 12 | 15 | 7 | 10 | 7 | 8 | 10 | 15 | 8 | 15 | 118 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ........

B.Sc., M.Inst.C.E.

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Section **A** for the entry of Daily Observations. Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1084

# REGISTER OF RAINFALL IN 1935.

*Kept at* Darlington, Fighting Cocks Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·54 | - | ·08 | ·10 | - | - | ·05 | - | ·23 | ·09 | ·05 | ·04 |  | 1 |
| 2 | ·05 | - | ·18 | ·02 | - | ·04 | - | - | - | ·58 | - | - |  | 2 |
| 3 | - | ·60 | ·09 | ·07 | - | ·01 | - | - | ·03 | - | ·26 | ·02 |  | 3 |
| 4 | - | - | - | - | - | ·33 | - | - | - | ·78 | ·04 | - |  | 4 |
| 5 | ·12 | ·32 | - | - | - | ·08 | - | - | ·33 | ·20 | ·04 | - |  | 5 |
| 6 | ·26 | ·01 | - | - | - | ·16 | - | - | - | ·13 | - | - |  | 6 |
| 7 | ·15 | - | - | ·06 | - | ·17 | - | - | - | ·13 | ·30 | ·11 |  | 7 |
| 8 | - | - | - | ·07 | - | ·02 | - | - | - | ·04 | ·05 | ·05 |  | 8 |
| 9 | ·02 | ·01 | - | ·21 | - | ·05 | - | - | - | ·41 | ·16 | ·01 |  | 9 |
| 10 | - | ·05 | - | ·01 | - | ·20 | - | - | - | ·08 | ·06 | - |  | 10 |
| 11 | ·07 | ·01 | - | - | - | ·01 | - | ·29 | - | ·02 | ·04 | ·04 |  | 11 |
| 12 | - | - | - | - | - | ·02 | - | ·02 | - | - | - | - |  | 12 |
| 13 | ·11 | - | - | ·01 | ·15 | - | - | - | ·01 | - | - | - |  | 13 |
| 14 | - | - | ·05 | ·37 | ·15 | ·08 | ·22 | - | ·14 | - | ·30 | S<br>·09 |  | 14 |
| 15 | - | ·03 | - | ·28 | ·09 | - | - | - | ·13 | ·05 | ·11 | ·10 |  | 15 |
| 16 | - | ·20 | ·05 | ·14 | ·15 | ·18 | ·02 | ·04 | ·28 | - | ·44 | ·01 |  | 16 |
| 17 | - | ·01 | ·03 | ·17 | ·10 | ·11 | - | ·06 | - | - | 1·03 | ·03 |  | 17 |
| 18 | ·08 | - | - | - | ·11 | ·09 | ·03 | ·01 | ·07 | ·13 | ·11 | ·08 |  | 18 |
| 19 | ·04 | ·03 | - | ·01 | - | ·23 | ·13 | ·01 | - | ·06 | ·21 | ·05 |  | 19 |
| 20 | - | ·13 | - | ·12 | - | ·11 | ·03 | - | - | - | ·11 | - |  | 20 |
| 21 | - | ·05 | - | 1·04 | - | - | - | - | 1·03 | ·15 | ·11 | - |  | 21 |
| 22 | - | ·14 | ·15 | ·08 | - | - | - | - | ·01 | - | - | - |  | 22 |
| 23 | - | - | ·08 | - | - | - | - | ·26 | - | ·14 | - | - |  | 23 |
| 24 | ·07 | ·66 | ·10 | - | - | - | - | - | 1·18 | - | - | ·22 |  | 24 |
| 25 | ·18 | ·08 | - | - | - | ·03 | - | - | - | - | - | ·07 |  | 25 |
| 26 | ·20 | - | - | - | - | ·02 | ·12 | 1·00 | ·30 | ·01 | - | ·11 |  | 26 |
| 27 | ·17 | ·10 | - | - | - | ·01 | ·01 | - | ·26 | ·01 | ·14 | ·29 |  | 27 |
| 28 | ·04 | ·04 | - | - | - | ·01 | - | ·03 | ·04 | ·26 | ·01 | - |  | 28 |
| 29 | - | × | ·11 | - | - | - | - | ·15 | ·07 | ·07 | ·04 | ·08 |  | 29 |
| 30 | - | × | - | - | - | ·33 | - | ·18 | ·55 | ·21 | ·27 | ·01 |  | 30 |
| 31 | - | × | - | × | - | × | - | - | × | - | × | ·22 |  | 31 |
| TOTAL | 2·10 | 2·47 | ·92 | 2·76 | ·75 | 2·29 | ·61 | 2·05 | 4·66 | 3·55 | 3·88 | 1·63 | Year's Total.<br>27·67 |  |
| * Days with .01 in. or more. | 15 | 17 | 10 | 16 | 6 | 22 | 8 | 11 | 16 | 20 | 21 | 19 | 181 |  |
| * Days with .04 in. or more. | 14 | 11 | 9 | 12 | 6 | 14 | 4 | 7 | 13 | 17 | 20 | 14 | 141 |  |

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* See Instruction 2 (f) on other side.

† Spare column (no entries required).

(*Signed*) G. R. Collinson B. Sc. M. Inst. C. E.

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Darlington, Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·07 | ·18 | ·24 | ·02 | – | – | ·02 | ·28 | ·08 | – | ·02 | ·01 | | 1 |
| 2 | – | ·01 | ·02 | – | – | ·34 | ·10 | ·04 | – | – | ·05 | ·04 | | 2 |
| 3 | – | S ·10 | – | – | – | 1·26 | – | – | ·19 | – | – | – | | 3 |
| 4 | ·12 | – | ·05 | – | – | ·06 | – | ·32 | ·09 | ·01 | ·01 | ·10 | | 4 |
| 5 | ·07 | – | – | – | – | ·02 | – | ·23 | ·02 | ·08 | – | ·01 | | 5 |
| 6 | ·06 | – | – | ·02 | ·03 | – | ·02 | ·73 | ·54 | – | ·13 | – | | 6 |
| 7 | ·06 | – | ·01 | – | – | – | ·48 | – | – | – | ·04 | ·03 | | 7 |
| 8 | ·10 | – | ·27 | – | – | – | – | – | – | ·08 | ·09 | – | | 8 |
| 9 | ·50 | – | ·27 | – | ·05 | ·03 | ·54 | – | – | ·16 | ·11 | – | | 9 |
| 10 | ·02 | – | ·02 | – | – | – | – | – | – | ·02 | ·01 | – | | 10 |
| 11 | – | – | – | ·25 | – | – | ·07 | ·06 | ·02 | – | ·64 | – | | 11 |
| 12 | – | – | – | ·24 | ·12 | ·27 | ·04 | ·05 | ·16 | – | ·22 | R.S. ·05 | | 12 |
| 13 | – | – | – | ·18 | – | ·09 | – | – | – | ·14 | ·05 | ·55 | | 13 |
| 14 | – | – | – | ·19 | – | ·17 | ·04 | ·06 | 1·56 | – | ·02 | ·57 | | 14 |
| 15 | S ·08 | – | – | ·14 | – | ·08 | ·87 | ·04 | ·03 | ·02 | ·18 | ·01 | | 15 |
| 16 | S ·02 | – | – | – | – | ·04 | – | – | – | – | ·32 | ·02 | | 16 |
| 17 | S ·03 | ·37 | – | – | ·07 | – | ·24 | – | – | ·04 | ·30 | ·01 | | 17 |
| 18 | – | ·08 | – | ·15 | – | – | – | ·14 | – | ·11 | ·03 | – | | 18 |
| 19 | R.S ·49 | ·25 | ·01 | – | – | – | ·32 | ·02 | – | ·06 | – | – | | 19 |
| 20 | S ·05 | ·07 | – | – | ·01 | – | ·11 | – | – | ·01 | – | – | | 20 |
| 21 | – | – | ·07 | – | – | ·12 | – | – | – | – | – | ·04 | | 21 |
| 22 | – | ·31 | ·06 | – | ·03 | ·44 | ·03 | – | – | – | – | – | | 22 |
| 23 | – | ·03 | ·02 | ·04 | ·12 | – | ·81 | – | – | – | – | – | | 23 |
| 24 | ·03 | ·15 | – | – | ·79 | – | – | – | ·18 | ·05 | – | – | | 24 |
| 25 | ·28 | – | ·02 | – | – | – | ·02 | – | ·95 | ·07 | – | – | | 25 |
| 26 | ·02 | ·10 | ·46 | – | – | – | ·04 | – | ·10 | ·21 | – | – | | 26 |
| 27 | ·07 | ·01 | ·06 | – | – | – | – | – | ·13 | ·18 | ·01 | – | | 27 |
| 28 | ·19 | ·42 | ·02 | – | – | – | ·06 | – | ·02 | – | ·03 | – | | 28 |
| 29 | ·63 | S.R ·87 | ·06 | – | ·59 | ·56 | – | – | – | ·02 | ·06 | – | | 29 |
| 30 | ·05 | × | – | – | ·04 | ·41 | ·48 | – | – | ·35 | ·01 | – | | 30 |
| 31 | – | × | ·03 | × | – | × | – | – | × | – | × | ·04 | | 31 |
| TOTAL | 2·98 ✓ | 3·25 ✓ | 1·69 ✓ | 1·23 ✓ | 1·85 ✓ | 3·89 ✓ | 4·29 ✓ | 1·97 ✓ | 4·07 ✓ | 1·61 | 2·33 | 1·48 | Year's Total. 30·64 | ✓ |
| * Days with .01 in. or more. | 20 | 14 | 17 | 9 | 10 | 14 | 18 | 11 | 14 | 17 | 20 | 13 | 177 | ✓ |
| * Days with .04 in. or more. | 15 | 11 | 9 | 7 | 7 | 12 | 14 | 10 | 10 | 12 | 12 | 7 | 126 | ✓ |

JS JS JS JS JS JS JS

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) G. R. Collinson
B.Sc. M.Inst.C.E.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Darlington, Fighting Cocks Res:

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·02 | ·03 | – | – | ·02 | – | – | ·21 | – | – | ·23 | | 1 |
| 2 | – | ·05 | ·01 | ·52 | – | ·04 | – | – | – | – | – | ·31 | | 2 |
| 3 | – | ·04 | – | ·05 | – | ·15 | ·07 | – | – | – | – | ·14 | | 3 |
| 4 | ·03 | – | ·07 | ·17 | ·02 | – | – | ·09 | ·04 | – | – | ·16 | | 4 |
| 5 | ·02 | – | R.S<br>·04 | ·01 | ·06 | – | ·02 | – | – | ·01 | – | ·18 | | 5 |
| 6 | ·05 | – | R.S.<br>·05 | ·02 | ·15 | – | – | ·20 | – | – | ·07 | ·10 | | 6 |
| 7 | – | ·12 | R.S<br>·12 | ·17 | ·06 | ·02 | ·29 | – | – | – | ·02 | ·09 | | 7 |
| 8 | – | ·38 | R.S.<br>·23 | ·03 | – | – | ·12 | ·01 | – | – | ·03 | ·13 | | 8 |
| 9 | – | – | ·13 | ·10 | – | – | ·16 | ·02 | – | – | ·05 | S<br>·37 | | 9 |
| 10 | – | ·06 | – | – | ·26 | ·13 | ·04 | – | – | ·01 | ·32 | S<br>·15 | | 10 |
| 11 | – | – | R.S.<br>1·06 | ·16 | ·15 | – | – | – | – | – | – | R.S<br>·43 | | 11 |
| 12 | ·10 | R.S.<br>·27 | ·30 | ·12 | ·02 | ·26 | – | – | ·11 | – | – | S<br>·20 | | 12 |
| 13 | – | ·06 | – | – | ·07 | ·13 | – | – | ·06 | – | – | R.S<br>·05 | | 13 |
| 14 | – | – | ·06 | – | – | ·10 | – | ·43 | – | – | – | R.S<br>·36 | | 14 |
| 15 | ·11 | ·44 | – | ·12 | – | – | ·02 | – | ·04 | – | – | S<br>·27 | | 15 |
| 16 | ·04 | ·13 | ·15 | ·34 | – | ·05 | – | ·04 | ·08 | – | – | S<br>·39 | | 16 |
| 17 | ·20 | ·03 | ·14 | ·22 | – | ·04 | – | – | ·66 | – | – | ·04 | | 17 |
| 18 | ·04 | ·01 | ·07 | – | – | ·30 | ·08 | ·08 | – | – | ·31 | – | | 18 |
| 19 | S<br>·03 | ·04 | ·03 | – | – | ·03 | – | – | – | – | ·93 | – | | 19 |
| 20 | ·12 | – | ·06 | ·12 | ·85 | – | – | – | – | – | ·01 | – | | 20 |
| 21 | – | – | ·02 | ·08 | ·09 | – | ·30 | – | – | ·01 | – | ·09 | | 21 |
| 22 | ·01 | – | R.S.<br>·10 | – | – | – | – | – | – | ·20 | ·03 | – | | 22 |
| 23 | ·27 | – | ·05 | – | ·51 | – | ·17 | – | – | ·80 | ·10 | – | | 23 |
| 24 | ·36 | – | – | – | – | – | ·12 | – | ·12 | ·23 | – | – | | 24 |
| 25 | R.S<br>·14 | ·11 | – | – | – | – | – | ·12 | – | ·13 | – | – | | 25 |
| 26 | R.S.<br>·05 | ·15 | ·02 | – | ·43 | – | – | – | – | – | ·02 | – | | 26 |
| 27 | – | ~~·44~~ | R.S.<br>·19 | ·15 | – | – | ·02 | – | – | ·16 | – | ·02 | | 27 |
| 28 | S<br>·12 | ·13 | – | – | – | – | – | – | – | ·12 | – | – | | 28 |
| 29 | S<br>·21 | × | – | – | – | – | – | – | – | ·04 | ·04 | ·06 | | 29 |
| 30 | R.S<br>·08 | × | – | – | – | ·07 | – | – | – | ·08 | ·14 | ·03 | | 30 |
| 31 | ·42 | × | – | × | – | × | – | – | × | ·16 | × | ·01 | | 31 |
| TOTAL | 2·41 | ✓<br>2·48 | ✓<br>2·93 | ✓<br>2·38 | ✓<br>2·67 | ✓<br>1·34 | ✓<br>1·41 | ✓<br>·99 | ✓<br>1·32 | ✓<br>1·95 | ✓<br>2·07 | ✓<br>3·81 | Year's Total<br>25·76 | ✓ |
| * Days with .01 in. or more. | 20 | 14 | 21 | 16 | 12 | 13 | 12 | 8 | 8 | 12 | 13 | 22 | 174 | ✓ |
| * Days with .04 in. or more. | 15 | 14 | 16 | 13 | 10 | 10 | 9 | 6 | 8 | 9 | 8 | 19 | 137 | ✓ |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ........................................ B.Sc., M.Inst.C.E. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Darlington, Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level..................ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·01 | – | – | – | 1·75 | ·24 | ·02 | – | – | ·18 | ·15 | | 1 |
| 2 | ·24 | – | – | – | – | ·21 | ·05 | – | ·08 | ·21 | ·06 | ·05 | | 2 |
| 3 | ·03 | – | – | – | – | ·01 | ·07 | – | ·06 | ·90 | ·10 | – | | 3 |
| 4 | ·05 | – | – | ·01 | – | ·04 | ·05 | – | – | ·24 | – | ·34 | | 4 |
| 5 | – | ·02 | – | – | – | – | ·24 | ·70 | ·01 | ·03 | – | ·02 | | 5 |
| 6 | ·08 | – | ·01 | – | – | ·02 | ·09 | ·01 | ·05 | ·05 | – | ·01 | | 6 |
| 7 | ·16 | – | – | – | – | – | ·43 | ·07 | ·23 | ·11 | – | – | | 7 |
| 8 | ·19 | – | – | – | – | – | ·18 | ·12 | – | ·41 | – | ·09 | | 8 |
| 9 | ·04 | ·09 | – | – | ·09 | ·10 | ·01 | ·03 | – | – | – | ·35 | | 9 |
| 10 | – | – | – | – | – | ·35 | ·04 | – | ·01 | – | – | ·03 | | 10 |
| 11 | ·04 | – | – | – | ·02 | ·02 | – | – | – | ·10 | ·07 | ·08 | | 11 |
| 12 | ·15 | S+R ·26 | – | – | ·07 | – | ·05 | ·18 | – | ·39 | ·12 | – | | 12 |
| 13 | ·08 | S+R ·15 | – | – | – | – | – | – | ·19 | ·01 | ·27 | ·16 | | 13 |
| 14 | ·28 | ·03 | – | – | ·05 | – | ·07 | – | – | – | – | ·03 | | 14 |
| 15 | ·10 | ·03 | – | – | – | – | ·42 | ·07 | – | ·08 | – | ·37 | | 15 |
| 16 | ·21 | – | – | – | ·32 | – | ·56 | ·10 | ·31 | – | ·05 | ·33 | | 16 |
| 17 | – | – | – | – | ·10 | – | – | ·02 | ·03 | ·15 | – | ·02 | | 17 |
| 18 | ·03 | ·01 | – | – | ·04 | – | – | – | ·08 | ·11 | ·28 | – | | 18 |
| 19 | – | – | – | – | – | – | – | ·26 | ·14 | – | ·03 | S ·37 | | 19 |
| 20 | – | – | – | – | – | – | – | ·09 | ·01 | – | ·17 | S ·21 | | 20 |
| 21 | – | – | ·02 | – | – | – | – | ·10 | – | – | ·03 | S ·18 | | 21 |
| 22 | – | ·04 | – | – | – | ·10 | – | – | – | – | ·29 | R.S ·26 | | 22 |
| 23 | – | – | – | – | ·26 | ·04 | – | – | ·02 | – | ·09 | R.S ·14 | | 23 |
| 24 | ·01 | – | ·01 | – | ·01 | – | – | ·46 | ·40 | ·03 | ·05 | ·02 | | 24 |
| 25 | – | – | – | – | ·07 | – | ·11 | ·02 | – | ·42 | ·30 | R.S ·12 | | 25 |
| 26 | – | ·60 | ·05 | – | ·01 | ·03 | – | – | ·06 | ·10 | – | – | | 26 |
| 27 | ·02 | ·03 | – | ·01 | ·39 | ·15 | ·18 | ·14 | ·01 | ·13 | ·07 | ·02 | | 27 |
| 28 | ·10 | – | – | ·01 | ·61 | ·37 | – | ·02 | – | ·01 | – | ·01 | | 28 |
| 29 | ·04 | × | – | ·03 | ·71 | ·01 | ·01 | ·12 | – | – | ·19 | ·03 | | 29 |
| 30 | ·03 | × | – | – | ·04 | ·01 | – | ·02 | ·38 | – | ·30 | – | | 30 |
| 31 | ·07 | × | – | × | ·12 | × | – | – | × | ·07 | × | R.S ·49 | | 31 |
| TOTAL | 1·95 | 1·27 | ·09 | ·06 | 2·91 | 3·21 | 2·80 | 2·55 | 2·07 | 3·55 | 2·65 | 3·88 | Year's Total 26·99 | |
| * Days with .01 in. or more. | 20 | 11 | 4 | 4 | 16 | 15 | 17 | 19 | 17 | 19 | 18 | 25 | 185 | |
| * Days with .04 in. or more. | 15 | 5 | 1 | – | 13 | 9 | 15 | 12 | 11 | 15 | 16 | 16 | 128 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

FOR THE TEES VALLEY WATER BOARD

(Signed) G. R. Collins [P.T.O.

ENGINEER AND MANAGER. B.Sc., M.Inst.C.E.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Darlington, Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·32 | – | ·04 | ·02 | ·01 | – | ·02 | ·01 | – | ·40 | – | – |  | 1 |
| 2 | RS ·19 | – | – | ·03 | – | – | ·01 | ·82 | ·75 | ·18 | ·02 | ·02 |  | 2 |
| 3 | – | – | ·03 | ·15 | – | – | – | ·14 | – | ·03 | ·15 | ·06 |  | 3 |
| 4 | S ·19 | – | ·33 | ·07 | – | – | ·39 | – | ·24 | – | ·14 | ·06 |  | 4 |
| 5 | – | – | – | – | ·11 | – | ·14 | ·53 | – | ·08 | ·31 | ·19 |  | 5 |
| 6 | S.R ·29 | – | – | – | ·02 | – | ·23 | – | – | ·01 | – | – |  | 6 |
| 7 | ·02 | ·03 | ·04 | – | ·31 | – | – | – | – | ·03 | ·19 | ·02 |  | 7 |
| 8 | ·02 | ·03 | ·05 | – | – | – | ·17 | ·05 | – | – | ·06 | ·36 |  | 8 |
| 9 | ·10 | ·02 | – | – | – | – | ·04 | ·12 | ·02 | ·53 | – | ·12 |  | 9 |
| 10 | RS ·24 | – | ·01 | – | – | ·07 | – | – | ·05 | ·01 | – | – |  | 10 |
| 11 | RS ·40 | – | ·26 | – | – | ·14 | – | ·05 | ·01 | – | ·05 | – |  | 11 |
| 12 | – | ·06 | – | – | – | ·02 | – | – | – | 1·09 | ·01 | ·01 |  | 12 |
| 13 | ·01 | – | ·01 | ·10 | ·08 | – | – | – | ·04 | ·30 | ·10 | – |  | 13 |
| 14 | ·35 | – | ·01 | ·09 | ·10 | ·52 | ·11 | – | ·02 | ·19 | ·67 | – |  | 14 |
| 15 | ·22 | – | – | – | ·05 | ·38 | ·08 | – | – | ·16 | ·02 | ·04 |  | 15 |
| 16 | ·09 | – | ·08 | – | ·56 | – | ·01 | – | – | – | ·03 | – |  | 16 |
| 17 | ·22 | – | ·01 | ·14 | ·02 | – | ·51 | – | – | – | – | – |  | 17 |
| 18 | ·39 | ·01 | – | – | – | ·37 | ·15 | – | ·01 | ·08 | ·58 | – |  | 18 |
| 19 | ·12 | – | ·06 | – | – | ·19 | – | – | – | – | – | ·03 |  | 19 |
| 20 | – | – | – | – | – | ·05 | – | ·34 | ·06 | – | – | – |  | 20 |
| 21 | ·16 | ·16 | ·03 | ·01 | – | – | – | ·02 | ·02 | – | – | – |  | 21 |
| 22 | ·13 | ·16 | – | ·10 | – | – | – | – | ·03 | – | – | – |  | 22 |
| 23 | ·02 | ·01 | ·01 | ·11 | – | ·07 | – | – | ·01 | – | – | – |  | 23 |
| 24 | – | – | ·14 | ·21 | – | – | – | ·10 | – | – | – | – |  | 24 |
| 25 | RS ·56 | – | RS ·04 | – | – | – | – | ·04 | – | – | ·06 | ·06 |  | 25 |
| 26 | ·09 | – | ·03 | – | – | – | – | ·03 | – | ·64 | ·02 | – |  | 26 |
| 27 | S ·08 | ·25 | ·40 | ·02 | – | ·07 | ·05 | ·32 | – | ·26 | ·03 | – |  | 27 |
| 28 | ·21 | ·16 | ·44 | ·10 | – | ·21 | ·11 | – | – | – | ·24 | S ·05 |  | 28 |
| 29 | ·02 | X | ·01 | – | – | – | ·48 | – | – | ·56 | ·02 | – |  | 29 |
| 30 | ·02 | X | – | – | – | ·07 | ·06 | ·29 | – | ·16 | ·07 | – |  | 30 |
| 31 | – | X | – | X | – | X | ·06 | ·01 | X | ·03 | X | – |  | 31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Year's Total |  |
| TOTAL | 4·46 | ·89 | 2·39 | 1·15 | 1·26 | 2·16 | 2·64 | 2·87 | 1·29 | 4·74 | 2·77 | 1·02 | 27·64 |  |
| * Days with .01 in. or more. | 25 | 10 | 20 | 13 | 9 | 12 | 17 | 15 | 12 | 18 | 19 | 12 | 182 |  |
| * Days with .04 in. or more. | 19 | 5 | 11 | 9 | 6 | 11 | 14 | 11 | 5 | 13 | 12 | 8 | 124 |  |
|  | GPS | GPS | GPS | GPS | [illegible] | GPS | GPS | GPS | GPS | GPS | Ga | Ga | Ga |  |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) G. A. Collman B.Sc, M.Inst.C.E.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3504

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~2~~40.

*Kept at* Darlington, Fighting Cocks Res.

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | S ·03 | ·01 | ·12 | – | – | ·01 | – | – | – | ·05 | ·01 | | 1 |
| 2 | – | – | – | ·10 | – | – | – | – | – | – | ·20 | ·04 | | 2 |
| 3 | ·01 | ·02 | – | ·04 | – | – | ·01 | – | – | ·08 | – | ·02 | | 3 |
| 4 | – | ·13 | – | – | – | – | ·20 | – | – | ·06 | ·07 | ·02 | | 4 |
| 5 | – | – | – | – | ·23 | – | ·10 | – | – | ·02 | ·01 | ·28 | | 5 |
| 6 | ·03 | ·04 | – | – | – | – | – | – | – | ·59 | ·04 | ·04 | | 6 |
| 7 | ·03 | ·25 | – | ·03 | ·02 | – | – | ·03 | – | ·03 | – | – | | 7 |
| 8 | – | – | – | ·01 | – | – | ·02 | ·02 | – | ·13 | – | ·20 | | 8 |
| 9 | – | – | ·32 | – | – | – | ·62 | – | ·05 | ·03 | ·56 | ·04 | | 9 |
| 10 | – | – | ·06 | – | – | – | ·93 | ·07 | – | – | ·04 | – | | 10 |
| 11 | – | S ·15 | ·02 | – | – | ·01 | ·89 | – | ·06 | – | ·21 | – | | 11 |
| 12 | – | S ·05 | ·71 | – | – | – | – | – | ·12 | – | – | – | | 12 |
| 13 | – | S ·05 | RS ·14 | – | – | – | – | – | ·03 | – | ·05 | – | | 13 |
| 14 | – | S ·02 | ·01 | ·04 | ·13 | – | ·32 | – | – | ·02 | – | ·16 | | 14 |
| 15 | S ·05 | – | ·01 | ·01 | ·14 | ·04 | – | – | – | – | ·06 | – | | 15 |
| 16 | S ·02 | – | – | ·01 | – | – | ·16 | – | ·49 | ·43 | ·22 | – | | 16 |
| 17 | – | – | ·26 | – | – | – | 1·84 | – | ·01 | ·09 | ·26 | ·01 | | 17 |
| 18 | – | S ·09 | ·13 | ·65 | – | – | ·23 | ·29 | ·10 | – | ·43 | ·08 | | 18 |
| 19 | S ·01 | ·07 | – | ·05 | – | ·04 | ·07 | ·01 | – | – | ·26 | ·02 | | 19 |
| 20 | – | – | – | ·07 | – | – | ·11 | ·33 | ·01 | ·01 | ·66 | – | | 20 |
| 21 | S ·33 | – | ·06 | – | – | ·26 | – | – | – | ·11 | ·45 | – | | 21 |
| 22 | S ·08 | – | ·06 | – | ·17 | ·04 | ·11 | – | ·10 | ·19 | – | – | | 22 |
| 23 | – | – | ·05 | ·11 | – | – | ·11 | – | ·01 | ·03 | ·02 | ·02 | | 23 |
| 24 | ·12 | ·04 | – | ·08 | ·01 | – | – | – | – | ·20 | ·02 | ·14 | | 24 |
| 25 | – | – | – | – | – | – | ·02 | ·01 | – | ·02 | – | – | | 25 |
| 26 | S ·70 | – | – | – | ·23 | ·01 | ·39 | ·06 | ·01 | ·04 | – | – | | 26 |
| 27 | S ·08 | ·07 | – | ·48 | – | – | – | – | ·01 | ·04 | – | – | | 27 |
| 28 | S ·01 | ·49 | – | – | ·28 | – | – | ·05 | – | – | – | ·81 | | 28 |
| 29 | – | – | ·22 | – | – | ·06 | ·04 | – | – | – | – | ·19 | | 29 |
| 30 | S ·13 | ✕ | – | – | – | – | – | – | – | ·45 | – | ·61 | | 30 |
| 31 | S ·28 | ✕ | ·02 | ✕ | – | ✕ | – | – | ✕ | ·27 | ✕ | RS ·29 | | 31 |
| TOTAL | 1·88 | 1·50 | 2·08 | 1·80 | 1·21 | ·46 | 6·18 | ·87 | 1·00 | 2·84 | 3·04 | 2·07 | Year's Total 24·90 | |
| * Days with .01 in. or more. | 14 | 14 | 15 | 14 | 8 | 7 | 19 | 9 | 12 | 20 | 18 | 18 | 168 | |
| * Days with .04 in. or more. | 8 | 11 | 10 | 10 | 6 | 5 | 15 | 5 | 6 | 13 | 15 | 11 | 115 | |

Ga Ga Ga Ga Ga Ga Ga Ga Ga RSP B.P.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) G. P. Ellinson B.Sc. M.Inst.C.E.

P.T.O.

304

3506.

Section **A** for the entry of
AIR MINISTRY

ORGANIZATION.

FORM 1090.

# REGIST

3506

3506

EGGLESCLIFFE HALL
1931 — 40

>80701

*Kept at* EGGLESCLIFF
*in the County of* DURH

Diameter of Funnel of Gauge
Height of top of Gauge above Ground
,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of thi*

*owing*

**Please read th**

Jan. 1, following.

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | ·02 | ·20 | — | tr | tr | tr | — | ·25 | — | — | ·02 | 1 |
| 2 | — | ·04 | — | ·76 | — | ·46 | ·02 | — | ·65 | ·02 | — | ·23 | 2 |
| 3 | ·03 | — | — | ·16 | — | ·03 | ·10 | — | ·93 | — | ·24 | ·07 | 3 |
| 4 | — | ·07 | — | ·03 | — | — | ·11 | — | 1·44 | — | ·03 | ·03 | 4 |
| 5 | — | — | — | — | ·02 | ·76 | ·04 | ·10 | — | — | — | ·22 | 5 |
| 6 | — | ·07 | ·06 | — | — | ·27 | ·52 | ·03 | ·03 | ·13 | — | — | 6 |
| 7 | — | — | ·01 | — | tr | ·09 | ·07 | ·15 | — | — | ·22 | — | 7 |
| 8 | ·03 | — | ·08 | ·04 | ·11 | ·07 | ·58 | ·12 | — | ·03 | ·05 | — | 8 |
| 9 | ·02 | ·12 | ·32 | — | ·04 | ·03 | ·09 | ·01 | — | — | ·28 | ·08 | 9 |
| 10 | — | ·01 | ·12 | ·06 | ·06 | ·04 | ·01 | — | — | — | ·16 | ·01 | 10 |
| 11 | ·10 | ·15 | — | — | — | — | ·02 | — | ·01 | — | tr | — | 11 |
| 12 | ·07 | — | — | — | — | ·02 | ·72 | ·18 | — | ·21 | — | — | 12 |
| 13 | ·05 | — | ·10 | — | — | — | ·26 | ·01 | — | — | — | — | 13 |
| 14 | ·08 | ·09 | ·03 | — | ·03 | ·64 | ·30 | ·63 | — | — | ·17 | ·03 | 14 |
| 15 | — | ·05 | — | ·18 | ·14 | ·01 | ·06 | ·17 | — | — | ·05 | ·02 | 15 |
| 16 | — | ·20 | — | ·07 | tr | ·31 | ·06 | ·18 | ·21 | — | — | — | 16 |
| 17 | — | ·09 | — | ·62 | — | ·30 | ·08 | ·02 | — | ·01 | — | — | 17 |
| 18 | ·13 | ·02 | — | ·24 | — | ·57 | ·41 | ·01 | — | — | ·33 | — | 18 |
| 19 | ·03 | ·03 | — | ·06 | — | tr | ·09 | ·94 | ·04 | — | ·01 | — | 19 |
| 20 | — | ·02 | — | ·05 | tr | ·01 | tr | — | ·04 | — | ·02 | ·02 | 20 |
| 21 | ·03 | ·02 | ·01 | ·02 | ·07 | — | ·02 | ·04 | — | — | ·01 | — | 21 |
| 22 | ·18 | ·02 | ·10 | ·04 | ·21 | ·06 | — | — | ·06 | — | — | — | 22 |
| 23 | ·20 | ·01 | — | ·06 | ·07 | ·20 | ·16 | — | ·07 | ·05 | ·15 | ·07 | 23 |
| 24 | — | tr | — | ·07 | ·48 | — | ·20 | ·03 | ·02 | ·01 | — | — | 24 |
| 25 | — | — | tr | ·02 | ·02 | — | ·12 | — | — | — | — | — | 25 |
| 26 | ·02 | — | tr | ·11 | ·02 | — | ·01 | tr | — | — | ·34 | — | 26 |
| 27 | — | — | — | ·18 | — | — | — | — | — | ·07 | ·10 | — | 27 |
| 28 | ·18 | ·01 | ·01 | ·07 | ·34 | — | ·01 | — | ·01 | — | — | — | 28 |
| 29 | ·38 | × | — | tr | ·03 | — | ·26 | — | — | ·40 | ·01 | ·24 | 29 |
| 30 | ·06 | × | — | — | ·81 | — | ·26 | — | — | — | — | — | 30 |
| 31 | ·20 | × | — | × | ·03 | × | ·11 | — | × | ·05 | × | — | 31 |
| TOTAL | 1·81 | 1·04 | 1·04 | 2·84 | 2·48 | 3·87 | 4·69 | 2·62 | 3·76 | ·98 | 2·17 | 1·04 | YEAR'S TOTAL 28·34 |
| Days with ·01 in. or more. | 18 | 18 | 11 | 19 | 16 | 17 | 27 | 15 | 13 | 10 | 16 | 12 | 192 |
| Days with ·04 in. or more. | 11 | 9 | 7 | 16 | 10 | 12 | 21 | 9 | 9 | 6 | 11 | 6 | 127 |

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M.

(Signed) Geo. C. Jones

[P.T.O.

304

3506

**Section** **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

3506

*Kept at* EGGLESCLIFFE (HALL)

*in the County of* DURHAM

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 3 in.

,, Ground ,, Sea Level ~~(about)~~ 95 ft.

28·34.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | ·02 | ·20 | — | tr | tr | tr | — | ·25 | — | — | ·02 | 1 |
| 2 | — | ·04 | — | ·76 | — | ·46 | ·02 | — | ·65 | ·02 | — | ·23 | 2 |
| 3 | ·03 | — | — | ·16 | — | ·03 | ·10 | — | ·93 | — | ·24 | ·07 | 3 |
| 4 | — | ·07 | — | ·03 | — | — | ·11 | — | 1·44 | — | ·03 | ·03 | 4 |
| 5 | — | — | — | — | ·02 | ·76 | ·04 | ·10 | — | — | — | ·22 | 5 |
| 6 | — | ·07 | ·06 | — | — | ·27 | ·52 | ·03 | ·03 | ·13 | — | — | 6 |
| 7 | — | — | ·01 | — | tr | ·09 | ·07 | ·15 | — | — | ·22 | — | 7 |
| 8 | ·03 | — | ·08 | ·04 | ·11 | ·07 | ·58 | ·12 | — | ·03 | ·05 | — | 8 |
| 9 | ·02 | ·12 | ·32 | — | ·04 | ·03 | ·09 | ·01 | — | — | ·28 | ·08 | 9 |
| 10 | — | ·01 | ·12 | ·06 | ·06 | ·04 | ·01 | — | — | — | ·16 | ·01 | 10 |
| 11 | ·10 | ·15 | — | — | — | — | ·02 | — | ·01 | — | tr | — | 11 |
| 12 | ·07 | — | — | — | — | ·02 | ·72 | ·18 | — | ·21 | — | — | 12 |
| 13 | ·05 | — | ·10 | — | — | — | ·26 | ·01 | — | — | — | — | 13 |
| 14 | ·08 | ·09 | ·03 | — | ·03 | ·64 | ·30 | ·63 | — | — | ·17 | ·03 | 14 |
| 15 | — | ·05 | — | ·18 | ·14 | ·01 | ·06 | ·17 | — | — | ·05 | ·02 | 15 |
| 16 | — | ·20 | — | ·07 | tr | ·31 | ·06 | ·18 | ·21 | — | — | — | 16 |
| 17 | — | ·09 | — | ·62 | — | ·30 | ·08 | ·02 | — | ·01 | — | — | 17 |
| 18 | ·13 | ·02 | — | ·24 | — | ·57 | ·41 | ·01 | — | — | ·33 | — | 18 |
| 19 | ·03 | ·03 | — | ·06 | — | tr | ·09 | ·94 | ·04 | — | ·01 | — | 19 |
| 20 | — | ·02 | — | ·05 | tr | ·01 | tr | — | ·04 | — | ·02 | ·02 | 20 |
| 21 | ·03 | ·02 | ·01 | ·02 | ·07 | — | ·02 | ·04 | — | — | ·01 | — | 21 |
| 22 | ·18 | ·02 | ·10 | ·04 | ·21 | ·06 | — | — | ·06 | — | — | — | 22 |
| 23 | ·20 | ·01 | — | ·06 | ·07 | ·20 | ·16 | — | ·07 | ·05 | ·15 | ·07 | 23 |
| 24 | — | tr | — | ·07 | ·48 | — | ·20 | ·03 | ·02 | ·01 | — | — | 24 |
| 25 | — | — | tr | ·02 | ·02 | — | ·12 | — | — | — | — | — | 25 |
| 26 | ·02 | — | tr | ·11 | ·02 | — | ·01 | tr | — | — | ·34 | — | 26 |
| 27 | — | — | — | ·18 | — | — | — | — | — | ·07 | ·10 | — | 27 |
| 28 | ·18 | ·01 | ·01 | ·07 | ·34 | — | ·01 | — | ·01 | — | — | — | 28 |
| 29 | ·38 | × | — | tr | ·03 | — | ·26 | — | — | ·40 | ·01 | ·24 | 29 |
| 30 | ·06 | × | — | — | ·81 | — | ·26 | — | — | — | — | — | 30 |
| 31 | ·20 | × | — | × | ·03 | × | ·11 | — | × | ·05 | × | — | 31 |
| TOTAL | 1·81 | 1·04 | 1·04 | 2·84 | 2·48 | 3·87 | 4·69 | 2·62 | 3·76 | ·98 | 2·17 | 1·04 | YEAR'S TOTAL 28·34 |
| Days with ·01 in. or more. | 18 | 18 | 11 | 19 | 16 | 17 | 27 | 15 | 13 | 10 | 16 | 12 | 192 |
| Days with ·04 in. or more. | 11 | 9 | 7 | 16 | 10 | 12 | 21 | 9 | 9 | 6 | 11 | 6 | 127 |

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M

(Signed) Geo C. Jones

[P.T.O.

Section **A** for the entry of Daily Observations. 3506 COPY FOR OFFICIAL USE. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

File no 821177/28.

*Kept at* Egglescliffe

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

„ Ground „ Sea Level (about) 95 ft.

26·25"

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | tr | — | ·06 | ·36 | tr | ·13 | ·02 | ·25 | ·10 | ·01 | ·02 | 1 |
| 2 | — | tr | — | ·01 | ·47 | — | ·06 | — | ·40 | ·10 | ·05 | ·11 | 2 |
| 3 | — | — | — | ·01 | — | ·02 | ·13 | — | — | ·01 | — | ·12 | 3 |
| 4 | ·02 | — | — | — | ·07 | ·01 | ·05 | ·21 | — | — | — | tr | 4 |
| 5 | ·16 | ·02 | — | — | ·06 | — | — | — | ·10 | tr | — | ·03 | 5 |
| 6 | ·27 | — | ·05 | ·01 | — | — | — | — | ·01 | — | — | ·06 | 6 |
| 7 | — | — | ·12 | — | ·09 | — | — | — | ·18 | ·18 | tr | tr | 7 |
| 8 | — | ·07 | ·02 | ·03 | ·02 | — | — | — | ·02 | ·15 | ·22 | tr | 8 |
| 9 | ·18 | ·11 | ·01 | tr | — | — | — | — | tr | ·15 | tr | ·14 | 9 |
| 10 | ·30 | ·12 | tr | ·07 | — | — | — | — | ·15 | ·40 | ·01 | ·10 | 10 |
| 11 | — | ·08 | ·04 | ·03 | ·33 | ·10 | ·81 | — | — | ·03 | — | — | 11 |
| 12 | ·19 | ·09 | — | — | ·09 | — | tr | — | — | ·08 | ·01 | — | 12 |
| 13 | — | ·19 | — | ·02 | ·04 | — | ·03 | — | ·95 | ·01 | tr | ·05 | 13 |
| 14 | ·21 | ·01 | — | — | — | — | — | — | tr | ·01 | tr | — | 14 |
| 15 | — | — | — | — | ·05 | — | — | — | — | ·04 | ·04 | ·05 | 15 |
| 16 | ·18 | tr | tr | — | ·01 | — | — | — | — | ·02 | ·04 | ·05 | 16 |
| 17 | — | tr | ·01 | ·01 | ·01 | — | ·03 | — | tr | ·04 | ·01 | — | 17 |
| 18 | — | tr | — | — | ·03 | — | — | tr | — | — | ·02 | — | 18 |
| 19 | — | ·02 | — | ·08 | ·02 | — | — | — | ·03 | ·16 | — | — | 19 |
| 20 | — | — | ·07 | ·07 | ·21 | — | ·08 | ·01 | tr | ·14 | — | — | 20 |
| 21 | — | — | ·43 | ·36 | 1·48 | — | ·08 | ·88 | tr | ·46 | ·01 | ·03 | 21 |
| 22 | — | — | ·60 | ·08 | ·03 | — | ·11 | | — | ·02 | ·15 | tr | 22 |
| 23 | tr | ·05 | — | ·09 | ·01 | — | ·07 | — | ·08 | ·05 | ·04 | — | 23 |
| 24 | — | ·04 | — | — | ·03 | — | ·04 | — | ·08 | tr | — | tr | 24 |
| 25 | — | ·04 | — | snow<br>·14 | ·02 | — | — | ·04 | ·02 | ·34 | ·02 | — | 25 |
| 26 | — | tr | — | — | ·29 | — | ·26 | — | ·10 | ·05 | ·01 | ·01 | 26 |
| 27 | tr | — | ·50 | ·04 | ·05 | 1·24 | ·49 | — | ·02 | ·14 | ·04 | ·03 | 27 |
| 28 | tr | — | ·08 | ·11 | ·34 | — | ·11 | ·15 | — | ·08 | — | — | 28 |
| 29 | — | — | ·29 | ·02 | ·01 | ·01 | tr | ·87 | ·02 | ·24 | ·16 | ·05 | 29 |
| 30 | — | × | ·06 | — | — | ·27 | ·18 | — | ·22 | ·08 | ·61 | ·18 | 30 |
| 31 | — | × | ·02 | × | — | × | 1·52 | — | × | ·02 | × | ·02 | 31 |
| TOTAL | 1·51 | 0·84 | 2·30 | 1·24 | 4·12 | 1·65 | 4·18 | 2·18 | 2·63 | 3·10 | 1·45 | 1·05 | YEAR'S TOTAL<br>26·25 |
| *Days with ·01 in. or more. | 8 | 12 | 14 | 18 | 24 | 6 | 17 | 7 | 16 | 26 | 17 | 16 | 181 |
| *Days with ·04 in. or more. | 7 | 9 | 10 | 10 | 14 | 3 | 15 | 5 | 10 | 19 | 9 | 10 | 121 |

40-9999

M

*See Instruction 2 (*f*) on other side.

*(Signed)* Geo. C. Jones

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Egglescliffe (Hall)
*in the County of* Durham

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 3 in.
,, Ground ,, Sea Level (about) 95 ft.

24·66

File
821177/28

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·02 | ·18 | – | – | – | – | – | – | – | ·33 | ·01 | 1 |
| 2 | ·18 | ·01 | ·13 | – | – | – | – | – | – | – | ·71 | tr | 2 |
| 3 | ·01 | ·04 | ·27 | – | ·29 | – | – | – | – | – | ·29 | – | 3 |
| 4 | ·22 | ·01 | ·06 | – | ·02 | – | – | – | – | tr | ·46 | – | 4 |
| 5 | ·02 | – | ·03 | – | ·15 | – | – | – | – | – | tr | – | 5 |
| 6 | ·01 | – | – | – | ·31 | – | – | – | – | – | tr | ·09 | 6 |
| 7 | – | ·13 | ·01 | – | ·11 | – | – | – | – | ·28 | – | tr | 7 |
| 8 | ·04 | ·01 | ·14 | ·07 | ·01 | ·24 | – | – | – | – | – | ·13 | 8 |
| 9 | – | ·21 | – | – | – | tr | ·27 | – | – | ·23 | ·04 | tr | 9 |
| 10 | ·02 | ·07 | – | – | – | ·07 | ·08 | – | – | ·60 | ·04 | ·07 | 10 |
| 11 | ·05 | – | – | – | ·06 | – | ·09 | – | – | ·08 | ·02 | ·02 | 11 |
| 12 | ·02 | – | tr | – | – | ·35 | ·01 | – | ·03 | – | – | – | 12 |
| 13 | – | – | tr | – | ·14 | – | ·02 | ·08 | – | ·02 | ·13 | ·12 | 13 |
| 14 | ·11 | – | – | – | ·02 | – | ·15 | – | – | – | ·10 | ·03 | 14 |
| 15 | ·61 | – | ·01 | – | – | – | – | ·02 | – | ·03 | ·22 | ·26 | 15 |
| 16 | ·25 | – | ·05 | ·02 | ·23 | ·16 | – | tr | – | – | ·37 | ·07 | 16 |
| 17 | ·43 | ·17 | ·09 | ·07 | – | ·16 | – | – | ·01 | – | ·35 | tr | 17 |
| 18 | ·25 | ·18 | ·03 | ·08 | – | 1·37 | – | ·09 | – | – | ·09 | ·06 | 18 |
| 19 | – | ·04 | ·75 | – | – | ·03 | ·02 | – | ·02 | – | ·06 | ·07 | 19 |
| 20 | – | ·09 | ·01 | ·03 | – | – | – | ·04 | ·26 | ·05 | ·01 | ·02 | 20 |
| 21 | – | ·03 | – | – | – | ·10 | – | – | – | ·02 | ·06 | ·02 | 21 |
| 22 | – | ·09 | – | – | – | – | – | tr | – | 1·29 | ·01 | ·01 | 22 |
| 23 | ·01 | ·17 | – | ·03 | ·11 | ·06 | – | ·09 | ·19 | ·01 | ·02 | tr | 23 |
| 24 | – | ·30 | – | ·20 | ·23 | ·17 | tr | – | ·23 | ·01 | ·10 | ·15 | 24 |
| 25 | – | ·95 | – | ·15 | – | – | – | – | ·39 | ·25 | ·02 | ·03 | 25 |
| 26 | – | ·61 | – | ·03 | ·16 | – | – | – | – | ·12 | ·02 | ·32 | 26 |
| 27 | ·01 | ·02 | – | – | ·05 | – | ·03 | – | ·03 | ·32 | ·05 | – | 27 |
| 28 | – | – | – | ·01 | – | – | tr | tr | tr | ·29 | – | ·01 | 28 |
| 29 | – | × | – | ·16 | tr | – | ·31 | ·02 | – | ·42 | – | ·02 | 29 |
| 30 | ·04 | × | ·02 | – | – | – | ·09 | – | ·07 | ·02 | – | ·24 | 30 |
| 31 | – | × | ·04 | × | – | × | – | ·05 | × | – | × | ·03 | 31 |
| TOTAL | 2·29 | 3·15 | 1·82 | 0·85 | 1·89 | 2·71 | 1·07 | 0·39 | 1·23 | 4·04 | 3·50 | 1·72 | YEAR'S TOTAL 24·66 |
| *Days with ·01 in. or more. | 18 | 19 | 15 | 11 | 14 | 10 | 10 | 7 | 9 | 17 | 22 | 21 | 173 |
| *Days with .04 in. or more. | 10 | 13 | 9 | 6 | 11 | 9 | 6 | 5 | 5 | 11 | 16 | 10 | 111 |

40-9999
*See Instruction 2 (*f*) on other side.

D M

(*Signed*) Geo. C. Jones

P.T.O.

3506

**Section** **A** for the entry of Daily Observations.

**COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 10

# REGISTER OF RAINFALL IN 1933.

*Kept at* Egglescliffe

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·02 | ·18 | | | | | | | | ·33 | ·01 | 1 |
| 2 | ·18 | ·01 | ·13 | | | | | | | | ·71 | | 2 |
| 3 | ·01 | ·04 | ·27 | | ·29 | | | | | | ·29 | | 3 |
| 4 | ·22 | ·01 | ·06 | | ·02 | | | | | | ·46 | | 4 |
| 5 | ·02 | | ·03 | | ·15 | | | | | | | | 5 |
| 6 | ·01 | | | | ·31 | | | | | | | ·09 | 6 |
| 7 | | ·13 | ·01 | | ·11 | | | | | ·28 | | | 7 |
| 8 | ·04 | ·01 | ·14 | ·07 | ·01 | ·24 | | | | | | ·13 | 8 |
| 9 | | ·21 | | | | | ·27 | | | ·23 | ·04 | | 9 |
| 10 | ·02 | ·07 | | | | ·07 | ·08 | | | ·60 | ·04 | ·07 | 10 |
| 11 | ·05 | | | | ·06 | | ·09 | | | ·08 | ·02 | ·02 | 11 |
| 12 | ·02 | | | | | ·35 | ·01 | | ·03 | | | | 12 |
| 13 | | | | | ·14 | | ·02 | ·08 | | ·02 | ·13 | ·12 | 13 |
| 14 | ·11 | | | | ·02 | | ·15 | | | | ·10 | ·03 | 14 |
| 15 | ·61 | | ·01 | | | | | ·02 | | ·03 | ·22 | ·26 | 15 |
| 16 | ·25 | | ·05 | ·02 | ·23 | ·16 | | | | | ·37 | ·01 | 16 |
| 17 | ·43 | ·17 | ·09 | ·07 | | ·16 | | | ·01 | | ·35 | | 17 |
| 18 | ·25 | ·18 | ·03 | ·08 | | 1·37 | | ·09 | | | ·09 | ·06 | 18 |
| 19 | | ·04 | ·75 | | | ·03 | ·02 | | ·02 | | ·06 | ·07 | 19 |
| 20 | | ·09 | ·01 | ·03 | | | | ·04 | ·26 | ·05 | ·01 | ·02 | 20 |
| 21 | | ·03 | | | | ·10 | | | | ·02 | ·06 | ·02 | 21 |
| 22 | | ·09 | | | | | | | | 1·29 | ·01 | ·01 | 22 |
| 23 | ·01 | ·17 | | ·03 | ·11 | ·06 | | ·09 | ·19 | ·01 | ·02 | | 23 |
| 24 | | ·30 | | ·20 | ·23 | ·17 | | | ·23 | ·01 | ·10 | ·15 | 24 |
| 25 | | ·95 | | ·15 | | | | | ·39 | ·25 | ·02 | ·03 | 25 |
| 26 | | ·61 | | ·03 | ·16 | | | | | ·12 | ·02 | ·32 | 26 |
| 27 | ·01 | ·02 | | | ·05 | | ·03 | | ·03 | ·32 | ·05 | | 27 |
| 28 | | | | ·01 | | | | | | ·29 | | ·01 | 28 |
| 29 | | | | ·16 | | | ·31 | ·02 | | ·42 | | ·02 | 29 |
| 30 | ·04 | X | ·02 | | | | ·09 | | ·07 | ·02 | | ·24 | 30 |
| 31 | | X | ·04 | X | | X | | ·05 | X | | X | ·03 | 31 |
| TOTAL | 2·29 | 3·15 | 1·82 | ·85 | 1·89 | 2·71 | 1·07 | ·39 | 1·23 | 4·04 | 3·50 | 1·72 | YEAR'S TOTAL 24·66 |
| *Days with ·01 in. or more. | 18 | 19 | 15 | 11 | 14 | 10 | 10 | 7 | 9 | 17 | 22 | 21 | 173 |
| *Days with ·04 in. or more. | 10 | 13 | 9 | 6 | 11 | 9 | 6 | 5 | 5 | 11 | 16 | 10 | 111 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) G. C. Jones

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Egglescliffe (Hall)

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 3 in.

,, Ground ,, Sea Level (about) 95 ft.

23.21 inches.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | - | - | - | - | - | - | .04 | .06 | .01 | - | .11 | | 1 |
| 2 | .01 | .02 | - | - | - | - | - | .11 | .06 | - | .08 | .41 | | 2 |
| 3 | - | - | - | - | - | - | - | - | - | .11 | .07 | .01 | | 3 |
| 4 | .01 | .01 | .02 | .10 | - | .01 | - | - | .06 | .10 | .04 | .44 | | 4 |
| 5 | tr | .01 | .02 | .03 | .14 | - | - | .21 | tr | tr | .17 | .62 | | 5 |
| 6 | .01 | - | .01 | - | .48 | .12 | - | 1.00 | - | .03 | .02 | .42 | | 6 |
| 7 | .01 | - | - | .01 | - | .48 | - | - | - | .01 | - | .22 | | 7 |
| 8 | .01 | - | - | - | .01 | .03 | - | .01 | .06 | - | .01 | .05 | | 8 |
| 9 | .01 | - | - | .33 | - | - | - | .01 | - | .05 | .55 | .04 | | 9 |
| 10 | .01 | - | .09 | .06 | - | - | - | .25 | - | - | .20 | .01 | | 10 |
| 11 | .09 | - | .14 | .39 | - | - | - | .02 | - | - | .09 | .02 | | 11 |
| 12 | - | - | .35 | .24 | - | - | .06 | .05 | tr | - | .04 | .06 | | 12 |
| 13 | .17 | .01 | .04 | .02 | - | - | .40 | .01 | tr | - | .02 | tr | | 13 |
| 14 | .18 | tr | .12 | - | .03 | - | .20 | tr | tr | .02 | .12 | .15 | | 14 |
| 15 | - | - | .08 | - | .08 | - | - | .04 | tr | .22 | .24 | .04 | | 15 |
| 16 | .14 | - | .13 | - | .07 | - | - | - | - | .01 | .06 | .03 | | 16 |
| 17 | .03 | - | .06 | - | .01 | - | .27 | - | .50 | .07 | .01 | .17 | | 17 |
| 18 | .04 | - | - | .04 | .20 | .19 | .09 | .06 | - | - | - | .08 | | 18 |
| 19 | - | - | .08 | .43 | - | .14 | - | tr | .03 | .05 | - | - | | 19 |
| 20 | - | - | .11 | .02 | - | .11 | - | - | .14 | - | tr | tr | | 20 |
| 21 | - | - | - | - | - | .46 | - | - | - | .02 | .01 | - | | 21 |
| 22 | - | - | - | - | - | .08 | - | .10 | .10 | .03 | - | .02 | | 22 |
| 23 | - | - | .06 | .27 | .02 | - | .08 | - | - | .16 | tr | tr | | 23 |
| 24 | - | - | - | .05 | - | .29 | tr | - | .12 | .35 | - | .03 | | 24 |
| 25 | .01 | - | - | .19 | .02 | - | - | - | .19 | .25 | .05 | .30 | | 25 |
| 26 | .08 | .05 | - | .32 | - | .03 | tr | - | .01 | .02 | - | .04 | | 26 |
| 27 | - | .41 | - | .24 | - | .10 | .01 | - | - | .05 | - | .03 | | 27 |
| 28 | tr | - | - | .34 | - | tr | .02 | .31 | tr | .03 | - | .32 | | 28 |
| 29 | - | X | - | - | - | - | .65 | .07 | .46 | .27 | - | .02 | | 29 |
| 30 | .16 | X | .04 | - | - | - | .19 | .02 | .06 | .97 | - | .01 | | 30 |
| 31 | .04 | X | - | X | - | X | .01 | .31 | X | .02 | X | .02 | | 31 |
| | | | | | | | | | | | | | Year's Total. | |
| TOTAL | 1.04 | 0.51 | 1.35 | 3.08 | 1.06 | 2.04 | 1.38 | 2.62 | 1.85 | 2.85 | 1.78 | 3.65 | 23.21 | |
| * Days with .01 in. or more. | 18 | 6 | 15 | 17 | 10 | 12 | 11 | 17 | 13 | 22 | 17 | 26 | 184 | |
| * Days with .04 in. or more. | 8 | 2 | 12 | 13 | 5 | 9 | 8 | 12 | 11 | 12 | 12 | 16 | 1~~19~~20 | |

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) Geo. C. Jones

[P.T.O.

June, circ [illegible]
Cord. by Glos.

**Section** **A** **for the entry of Daily Observations.** COPY FOR OFFICIAL USE. Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Egglescliffe
*in the County of* Durham

Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft ........ in.
,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 03 | | | | | | | ·04 | ·06 | ·01 | | ·11 | | 1 |
| 2 | 01 | 02 | | | | | | ·11 | 06 | | ·08 | 41 | | 2 |
| 3 | | | | | | | | | | 11 | 07 | 01 | | 3 |
| 4 | 01 | 01 | 02 | ·10 | | ·01 | | | 06 | ·10 | ·04 | ·44 | | 4 |
| 5 | | 01 | ·02 | 03 | ·14 | | | ·21 | | | 17 | ·62 | | 5 |
| 6 | ·01 | | 01 | | 48 | ·12 | | 1·00 | | 03 | 02 | ·40 | | 6 |
| 7 | 01 | | | 01 | | 48 | | | | ·01 | | ·22 | | 7 |
| 8 | 01 | | | | 01 | 03 | | 01 | 06 | | ·01 | 05 | | 8 |
| 9 | 01 | | | 33 | | | | 01 | | ·05 | ·55 | ·04 | | 9 |
| 10 | 01 | | 09 | 06 | | | | 25 | | | 20 | ·01 | | 10 |
| 11 | ·09 | | 14 | 39 | | | | 02 | | | 09 | 02 | | 11 |
| 12 | | | ·35 | 24 | | | ·06 | 05 | | | 04 | ·06 | | 12 |
| 13 | 17 | 01 | 04 | 02 | | | 40 | 01 | | | ·02 | | | 13 |
| 14 | 18 | | 12 | | ·03 | | ·20 | | | 02 | ·12 | ·15 | | 14 |
| 15 | | | 08 | | 08 | | | 04 | | ·22 | 24 | ·04 | | 15 |
| 16 | ·14 | | 13 | | 07 | | | | | ·01 | 06 | ·03 | | 16 |
| 17 | 03 | | 06 | | 01 | | 27 | | 50 | 07 | 01 | 17 | | 17 |
| 18 | 04 | | | ·04 | 20 | 19 | 09 | 06 | | | | 08 | | 18 |
| 19 | | | 08 | 43 | | 14 | | | 03 | 05 | | | | 19 |
| 20 | | | 11 | ·02 | | 11 | | | 14 | | | | | 20 |
| 21 | | | | | | 46 | | | | ·02 | 01 | | | 21 |
| 22 | | | | | | 08 | | ·10 | 10 | ·03 | | ·02 | | 22 |
| 23 | | | 06 | ·27 | 02 | | ·08 | | | 16 | | | | 23 |
| 24 | | | | ·05 | | 29 | | | 12 | 35 | | ·03 | | 24 |
| 25 | ·01 | | | 19 | 02 | | | | 19 | 25 | ·05 | ·30 | | 25 |
| 26 | 08 | 05 | | ·32 | | 03 | | | 01 | 02 | | ·04 | | 26 |
| 27 | | 41 | | 24 | | ·10 | ·01 | | | 05 | | ·03 | | 27 |
| 28 | | | | ·34 | | | ·02 | 31 | | ·03 | | 32 | | 28 |
| 29 | | | | | | | ·05 | 07 | 46 | 27 | | ·02 | | 29 |
| 30 | ·16 | ✕ | 04 | | | | 19 | 02 | 06 | 97 | | ·01 | | 30 |
| 31 | 04 | ✕ | | ✕ | | ✕ | 01 | 31 | ✕ | 02 | ✕ | ·02 | | 31 |
| TOTAL | 1·04 | 51 | 1·35 | 3·08 | 1·06 | 1·94<br>2·04 | 1·38 | 2·62 | 1·85 | 2·85 | 1·78 | 3·65 | Year's Total<br>23·21 | |
| *Days with ·01 in. or more. | 18 | 6 | 15 | 17 | 10 | 12 | 11 | 17 | 13 | 22 | 17 | 26 | 184 | |
| *Days with .04 in. or more. | 8 | 2 | 12 | 13 | 5 | 7 | 8 | 12 | 11 | 12 | 12 | 16 | 120 | |

40-9999
*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.
(*Signed*) G. G. Jones

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3506.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Egglescliffe (Hall)

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 3 in.

,, Ground ,, Sea Level (approx.) ft. 95

29.89 inches

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .45 | - | .05 | .15 | - | - | - | - | .26 | .12 | .08 | .02 | | 1 |
| 2 | .01 | - | .02 | .13 | - | .05 | - | - | - | .44 | .01 | - | | 2 |
| 3 | - | .58 | .13 | .15 | - | .01 | - | - | .01 | tr | .38 | - | | 3 |
| 4 | - | tr | - | - | - | .70 | - | - | - | 1.09 | .04 | - | | 4 |
| 5 | .16 | .38 | - | - | - | .08 | - | - | .28 | .04 | .02 | - | | 5 |
| 6 | .31 | .10 | - | - | - | .08 | - | - | - | .17 | .01 | - | | 6 |
| 7 | .19 | .07 | - | .08 | - | .60 | - | - | - | .22 | .37 | .10 | | 7 |
| 8 | .03 | - | - | .05 | tr | .03 | - | - | - | .05 | .04 | .12 | | 8 |
| 9 | .01 | - | - | .14 | - | .16 | - | - | - | .39 | .10 | - | | 9 |
| 10 | - | .05 | - | .03 | - | .15 | - | - | - | .04 | .04 | - | | 10 |
| 11 | .05 | tr | - | .01 | - | - | - | - | tr | .01 | .05 | .02 | | 11 |
| 12 | - | - | - | - | tr | .11 | - | .40 | - | - | tr | - | | 12 |
| 13 | .09 | - | - | .02 | .17 | - | - | - | .25 | - | - | - | | 13 |
| 14 | - | - | .03 | - | .17 | .09 | .30 | - | .01 | - | .28 | .07 | | 14 |
| 15 | tr | .02 | - | .45 | .07 | .02 | - | - | .24 | .03 | .13 | .12 | | 15 |
| 16 | tr | .24 | .09 | .14 | .34 | .51 | .08 | .05 | .13 | - | .40 | .05 | | 16 |
| 17 | tr | - | - | .36 | - | .18 | - | .02 | - | .02 | 1.07 | .10 | | 17 |
| 18 | .03 | - | - | .01 | .26 | .01 | .07 | - | .05 | .12 | .28 | .11 | | 18 |
| 19 | .02 | .03 | - | .05 | - | .19 | .08 | .07 | - | .04 | .06 | .17 | | 19 |
| 20 | - | .33 | - | .17 | tr | .08 | - | - | - | - | .03 | - | | 20 |
| 21 | - | .06 | - | .41 | - | - | - | - | 1.13 | .38 | .06 | - | | 21 |
| 22 | - | .27 | .07 | .08 | - | - | - | - | - | tr | .01 | - | | 22 |
| 23 | .01 | - | .12 | - | - | - | - | .26 | - | .14 | .05 | - | | 23 |
| 24 | .07 | .66 | .09 | .01 | - | - | - | tr | 1.13 | tr | - | .18 | | 24 |
| 25 | .20 | .10 | - | - | - | .08 | - | - | - | - | .01 | .09 | | 25 |
| 26 | .42 | - | - | .02 | - | .01 | .01 | 1.31 | .32 | .03 | .01 | .15 | | 26 |
| 27 | .04 | .06 | - | - | - | .01 | tr | - | .22 | .02 | .15 | .37 | | 27 |
| 28 | .03 | .08 | - | - | - | - | - | .07 | .02 | .26 | tr | - | | 28 |
| 29 | - | X | .14 | - | - | - | - | .14 | .15 | .04 | .07 | .07 | | 29 |
| 30 | - | X | - | - | - | .23 | - | .11 | .27 | .18 | .22 | .01 | | 30 |
| 31 | - | X | - | X | - | X | - | tr | X | - | X | .16 | | 31 |
| TOTAL | 2.12 | 3.03 | .74 | 2.46 | 1.01 | 3.38 | .54 | 2.43 | 4.47 | 3.83 | 3.97 | 1.91 | Year's Total<br>29.89 | |
| * Days with .01 in. or more. | 17 | 15 | 19 | 19 | 5 | 21 | 5 | 9 | 15 | 21 | 26 | 17 | 179 | |
| * Days with .04 in. or more. | 10 | 13 | 7 | 13 | 5 | 15 | 4 | 8 | 12 | 16 | 19 | 14 | 136 | |

40-9999.

* See Instruction 2 (f) on other side.

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† Spare column, no entries required.

(*Signed*) Geo. C. Jones. [P.T.O.

Query sent for July. Corrd. by obs. see file

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. **Station No.** 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM [illegible]090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Egglescliffe

*in the County of* Durham

Copy by B.R.O.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | ·13 | ·38 | ·02 | | ·36 | ·01 | ·30 | ·08 | tr | ·02 | tr | | 1 |
| 2 | | | ·18 | | | ·80 | ·07 | ·02 | — | — | ·10 | ·04 | | 2 |
| 3 | | ·09 | | | | 1·24 | | | ·29 | tr | TR | — | | 3 |
| 4 | ·13 | | 04 | | | ·02 | | ·13 | ·16 | ·01 | ·01 | ·13 | | 4 |
| 5 | ·08 | | | | | ·01 | | ·30 | ·02 | ·04 | — | tr | | 5 |
| 6 | ·06 | | | ·02 | ·01 | | | ·97 | ·54 | tr | ·09 | — | | 6 |
| 7 | ·11 | | | | | | ·57 | | — | — | ·02 | ·04 | | 7 |
| 8 | ·10 | | 18 | | | | | | — | ·08 | ·15 | ·01 | | 8 |
| 9 | ·59 | | 37 | | ·01 | ·01 | ·03 | | — | ·14 | 18 | — | | 9 |
| 10 | | | ·06 | | | | | | — | ·05 | ·03 | — | | 10 |
| 11 | | | | ·08 | | | ·20 | ·04 | ·02 | ·01 | ·46 | ·02 | | 11 |
| 12 | | | | ·26 | ·10 | ·29 | ·18 | ·22 | ·33 | — | ·48 | ·06 | | 12 |
| 13 | | | | ·13 | | ·16 | | | — | ·11 | ·03 | ·39 | | 13 |
| 14 | | | | ·39 | | ·12 | 02 | ·08 | 1·59 | — | ·04 | ·62 | | 14 |
| 15 | ·05 | | | 10 | | ·04 | ·40<br>~~·04~~ | ·03 | ·01 | ·01 | ·18 | ·01 | | 15 |
| 16 | ·07 | | | | | | | | — | — | ·38 | tr | | 16 |
| 17 | | ·30 | | | | | ·22 | | — | ·04 | ·31 | — | | 17 |
| 18 | | ·01 | | ·06 | | | ·01 | ·14 | — | ·10 | ·02 | — | | 18 |
| 19 | ·39 | ·33 | | | | | ·30 | ·01 | — | ·02 | — | — | | 19 |
| 20 | ·14 | ·08 | | | ·06 | | ·07 | | — | ·01 | TR | — | | 20 |
| 21 | | | ·01 | | | ·16 | ·02 | | — | — | — | ·02 | | 21 |
| 22 | | 38 | ·02 | | ·05 | ·18 | ·06 | | — | — | — | — | | 22 |
| 23 | | ·02 | ·05 | ·02 | ·14 | | ·33 | | — | tr | — | tr | | 23 |
| 24 | ·01 | ·14 | | ·01 | ·66 | | | | ·43 | — | — | — | | 24 |
| 25 | ·21 | | 01 | | | | ·01 | | ·61 | ·12 | ·19 | — | | 25 |
| 26 | ·02 | ·06 | ·19 | | | | ·02 | | ·11 | ·17 | ·01 | — | | 26 |
| 27 | ·06 | ·02 | ·01 | | | | | | ·12 | ·15 | ·03 | — | | 27 |
| 28 | ·20 | ·57 | | | | | ·07 | | — | ·01 | ·02 | — | | 28 |
| 29 | ·69 | ·64 | ·04 | | ·45 | ·55 | | | — | ·03 | ·11 | — | | 29 |
| 30 | ·03 | × | | | ·06 | ·07 | ·44 | | — | ·40 | ·01 | — | | 30 |
| 31 | ·01 | × | ·04 | × | | × | | | × | — | × | ·03 | | 31 |
| TOTAL | 3·00 | 2·77 | 1·58 | 1·09 | 1·54 | 4·01 | 3·03 | 2·24 | 4·31 | 1·50 | 2·68 | 1·37 | Year's Total.<br>29·12 | |
| * Days with .01 in. or more. | 19 | 13 | 14 | 10 | 9 | 14 | 19 | 11 | 13 | 18 | 21 | 11 | 172 | |
| * Days with .04 in. or more. | 15 | 10 | 10 | 6 | 7 | 11 | 12 | 8 | 10 | 11 | 11 | 6 | 117 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Jones

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Egglescliffe

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level .................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | – | ·02 | ·09 | – | – | – | – | – | ·17 | – | – | ·38 |  | 1 |
| 2 | – | ·03 | – | ·30 | – | ·06 | ·01 | – | – | – | – | ·14 |  | 2 |
| 3 | – | ·02 | – | ·06 | – | ·04 | – | – | – | – | – | ·08 |  | 3 |
| 4 | ·01 | ·01 | ·06 | ·15 | ·03 | – | – | ·02 | ·03 | – | – | ·12 |  | 4 |
| 5 | ·01 | – | ·01 | – | ·01 | – | ·01 | – | – | ·01 | – | ·13 |  | 5 |
| 6 | ·04 | – | ·03 | – | ·19 | – | ·10 | ·11 | – | – | ·09 | ·12 |  | 6 |
| 7 | – | ·10 | ·07 | ·14 | ·02 | ·02 | – | – | – | – | ·05 | ·20 |  | 7 |
| 8 | – | ·38 | ·40 | ·02 | – | – | ·06 | ·01 | – | – | ·06 | ·12 |  | 8 |
| 9 | – | – | ·08 | ·09 | ·03 | – | ·08 | ·01 | – | – | ·15 | ·47 |  | 9 |
| 10 | – | ·03 | ·01 | – | ·27 | ·04 | ·06 | – | ·01 | – | ·26 | ·13 |  | 10 |
| 11 | – | – | ·76 | ·28 | ·23 | – | – | – | – | – | – | ·42 |  | 11 |
| 12 | ·06 | ·30 | ·16 | ·12 | ·03 | ·19 | – | – | ·10 | – | – | ·11 |  | 12 |
| 13 | – | ·04 | ·01 | ·04 | ·09 | ·11 | – | – | ·04 | – | – | ·05 |  | 13 |
| 14 | – | – | ·19 | ·01 | – | ·06 | – | ·73 | – | – | – | ·47 |  | 14 |
| 15 | ·12 | ·44 | ·02 | ·13 | – | – | – | ·03 | ·04 | – | – | ·16 |  | 15 |
| 16 | ·09 | ·09 | ·15 | ·36 | ·01 | ·13 | – | ·02 | – | – | – | ·45 |  | 16 |
| 17 | ·20 | ·02 | ·10 | ·23 | – | – | – | – | ·70 | – | – | ·12 |  | 17 |
| 18 | ·32 | ·01 | ·03 | ·01 | – | ·25 | ·03 | ·07 | ·03 | – | ·39 | – |  | 18 |
| 19 | – | ·02 | ·10 | ·03 | – | ·06 | – | – | ·02 | – | ·80 | – |  | 19 |
| 20 | ·10 | – | ·01 | ·02 | ·82 | ·01 | – | – | ·01 | – | – | – |  | 20 |
| 21 | – | – | ·01 | ·06 | ·09 | – | ·21 | – | – | – | – | ·07 |  | 21 |
| 22 | ·02 | – | ·10 | – | – | – | – | – | – | ·12 | ·03 | – |  | 22 |
| 23 | ·10 | – | ·02 | – | ·35 | ·03 | ·19 | – | – | ·55 | ·15 | – |  | 23 |
| 24 | ·31 | – | – | – | – | – | ·22 | – | ·15 | ·11 | ·01 | – |  | 24 |
| 25 | ·08 | 19 | ·02 | – | – | – | – | ·14 | – | ·11 | ·01 | ·01 |  | 25 |
| 26 | ·02 | ·17 | ·02 | – | ·37 | – | – | – | – | – | ·01 | – |  | 26 |
| 27 | ·10 | 50 | ·08 | ·19 | – | – | ·04 | – | – | ·15 | – | ·02 |  | 27 |
| 28 | ·07 | ·15 | – | – | – | – | – | – | – | ·10 | – | – |  | 28 |
| 29 | ·19 | – | – | – | – | ·01 | – | – | – | ·02 | ·03 | ·07 |  | 29 |
| 30 | ·07 | ✕ | – | – | – | ·07 | – | – | – | ·07 | ·22 | ·02 |  | 30 |
| 31 | ·31 | ✕ | – | ✕ | – | ✕ | – | – | ✕ | ·14 | ✕ | – |  | 31 |
| TOTAL | 2·22 | 2·52 | 2·53 | 2·24 | 2·54 | 1·08 | 1·01 | 1·14 | 1·30 | 1·38 | 2·26 | 3·86 | Year's Total<br>24·08 |  |
| * Days with .01 in. or more. | 19 | 18 | 24 | 18 | 14 | 14 | 11 | 9 | 11 | 10 | 14 | 22 | 184 |  |
| * Days with .04 in. or more. | 15 | 10 | 1~~2~~3 | 13 | 8 | 10 9 | 8 | 4 | 6 | 8 | 9 | 19 | 123 |  |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ........................................................ [P.T.O.

COPY FOR OFFICIAL USE

Section A | for the entry of Daily Observations

Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Egglescliffe

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 100 ft.

Copy by B.R.O.

April total corrected for arithmetic entry on Dec 31st est'd from surr'd stns.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | ·94 | ·07 | – | TR | – | ·24 | ·12 | | 1 |
| 2 | ·34 | | | | | ·31 | ·02 | – | ·07 | ·22 | ·03 | ·05 | | 2 |
| 3 | ·06 | | | | | | ·16 | – | ·12 | ·76 | ·12 | – | | 3 |
| 4 | ·13 | | | | | ·09 | ·13 | – | – | ·35 | – | ·58 | | 4 |
| 5 | | ·02 | | | | | ·41 | ·91 | ·02 | ·02 | – | ·02 | | 5 |
| 6 | ·06 | | | | | ·03 | ·30 | – | – | ·04 | – | ·02 | | 6 |
| 7 | ·17 | | | | | | ·32 | ·23 | ·23 | ·13 | – | – | | 7 |
| 8 | ·16 | | | | | | ·18 | – | – | ·40 | – | ·11 | | 8 |
| 9 | | ·10 | | | ·08 | ·11 | – | ·02 | – | – | – | ·36 | | 9 |
| 10 | ·03 | | | | | ·35 | ·04 | – | ·25 | – | – | – | | 10 |
| 11 | ·06 | | | | | ·01 | – | – | ·03 | ·07 | ·07 | ·05 | | 11 |
| 12 | ·16 | ·19 | | | ·02 | | – | ·26 | – | ·45 | ·14 | – | | 12 |
| 13 | ·07 | ·22 | | | | | tr | – | ·14 | – | ·34 | ·15 | | 13 |
| 14 | ·32 | ·01 | | | ·01 | | ·04 | – | – | – | TR | ·04 | | 14 |
| 15 | ·09 | ·05 | | | | | ·55 | ·02 | – | ·13 | TR | ·34 | | 15 |
| 16 | ·26 | | | | ·31 | | ·63 | ·17 | – | – | ·03 | ·29 | | 16 |
| 17 | | | | | ·13 | | – | ·08 | ·08 | ·19 | TR | ·02 | | 17 |
| 18 | ·03 | ·01 | | | ·03 | ·02 | – | – | ·07 | ·06 | ·30 | – | | 18 |
| 19 | | | | | | | – | ·47 | ·11 | – | ·04 | ·20 | | 19 |
| 20 | | | | | | | – | ·01 | ·01 | – | ·25 | ·10 | | 20 |
| 21 | | | | | | | – | ·08 | – | – | ·02 | ·13 | | 21 |
| 22 | | ·03 | | | | ·10 | – | – | – | – | ·31 | ·35 | | 22 |
| 23 | | | ·03 | | ·37 | ·05 | – | – | ·06 | – | ·06 | ·12 | | 23 |
| 24 | ·01 | | | | ·03 | | – | ·47 | ·18 | ·02 | ·03 | – | | 24 |
| 25 | | ·01 | | | ·06 | | ·12 | ·03 | – | ·44 | ·39 | ·11 | | 25 |
| 26 | | ·69 | ·05 | | | ·04 | – | – | ·05 | ·12 | ·01 | – | | 26 |
| 27 | ·01 | ·08 | | ·04 | ·22 | ·12 | ·16 | ·16 | ·01 | ·04 | ·10 | – | | 27 |
| 28 | ·16 | | | ·01 | ·78 | ·27 | – | – | ·01 | ·03 | – | – | | 28 |
| 29 | ·01 | | | ·05 | ·87 | | ·03 | ·03 | – | ·01 | ·18 | ·03 | | 29 |
| 30 | ·02 | ✕ | | | | | – | – | ·25 | – | ·30 | – | | 30 |
| 31 | ·10 | ✕ | | ✕ | ·11 | ✕ | – | ·11 | ✕ | ·06 | ✕ | (·30) | | 31 |
| TOTAL | 2·25 | 1·41 | ·08 | ·10<br>~~·09~~ | 3·02 | 2·44 | 3·16 | 3·05 | 1·69 | 3·54 | 2·96 | 4<br>3·19 | Year's Total<br>~~26·89~~ | 27·19 |
| * Days with .01 in. or more. | 20 | 11 | 2 | 3 | 13 | 13 | 15 | 15 | 17 | 19 | 19 | 20 | 167 | |
| * Days with .04 in. or more. | 14 | ~~5~~ 6 | 1 | 2 | 9 | 10 | 13 | 10 | 12 | 15 | 14 | 16 | 122 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Walter Jones

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3506

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Egglescliffe,

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" Ground " Sea Level 100 ft.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·46 | – | – | TR | ·02 | – | ·02 | tr | – | 38 | ·01 | – | | 1 |
| 2 | ·22 | – | – | ·05 | – | – | – | ·72 | ·74 | ·28 | 3 | – | | 2 |
| 3 | – | – | – | ·10 | – | – | – | ·09 | – | – | ·12 | ·05 | | 3 |
| 4 | ·28 | – | ·19 | ·08 | – | – | ·02 | – | ·04 | – | – | ·15 | | 4 |
| 5 | – | – | – | – | ·15 | – | ·09 | ·99 | – | ·05 | ·29 | ·30 | | 5 |
| 6 | ·35 | – | – | – | tr | – | ·34 | – | – | ·02 | – | – | | 6 |
| 7 | – | ·04 | ·04 | – | ·27 | – | ·04 | – | – | ·03 | ·02 | ·06 | | 7 |
| 8 | ·01 | ·02 | ·07 | – | – | – | } x | ·05 | – | – | ·05 | ·38 | | 8 |
| 9 | ·07 | ·01 | – | – | – | – | ·35 | ·10 | ·02 | ·36 | – | ·14 | | 9 |
| 10 | ·29 | – | – | – | – | – | – | – | ·07 | – | – | – | | 10 |
| 11 | ·54 | – | ·33 | – | ·04 | ·27 | – | ·07 | – | – | ·11 | – | | 11 |
| 12 | – | ·07 | – | – | – | ·03 | – | – | – | 1·19 | – | – | | 12 |
| 13 | – | – | ·01 | – | ·08 | – | – | – | ·08 | ·25 | ·10 | – | | 13 |
| 14 | ·23 | – | tr | ·19 | 14 | ·27 | ·06 | – | ·03 | ·32 | ·40 | tr | | 14 |
| 15 | ·20 | – | – | – | 05 | ·14 | ·04 | – | ·02 | ·02 | ·02 | ·04 | | 15 |
| 16 | ·04 | – | ·06 | – | 59 | – | tr | – | – | – | ·03 | – | | 16 |
| 17 | ·25 | – | tr | ·01 | 07 | – | ·40 | – | – | – | – | – | | 17 |
| 18 | ·41 | ·04 | ·05 | – | – | ·64 | ·16 | – | – | ·05 | ·64 | – | | 18 |
| 19 | ·15 | – | – | – | – | ·30 | ·03 | – | – | – | ·01 | ·02 | | 19 |
| 20 | – | – | – | – | – | ·04 | – | ·07 | ·05 | – | – | – | | 20 |
| 21 | ·18 | ·14 | ·07 | – | – | ·01 | – | – | ·02 | – | – | – | | 21 |
| 22 | ·06 | ·19 | ·02 | ·13 | – | – | tr | – | ·03 | – | ·04 | ·02 | | 22 |
| 23 | ·01 | TR | ·05 | ·07 | – | ·05 | – | – | ·01 | – | ·02 | ·02 | | 23 |
| 24 | – | TR | ·08 | ·14 | – | – | – | ·10 | – | – | – | ·01 | | 24 |
| 25 | ·79 | – | ·01 | – | – | – | – | – | – | ·05 | ·07 | ·11 | | 25 |
| 26 | ·02 | – | ·03 | ·01 | – | – | – | tr | ·02 | ·46 | ·03 | – | | 26 |
| 27 | ·01 | ·34 | ·86 | ·02 | – | ·08 | ·07 | ·02 | – | 22 | ·02 | – | | 27 |
| 28 | ·18 | ·09 | ·62 | ·04 | – | ·05 | ·10 | – | – | – | ·25 | ·02 | | 28 |
| 29 | – | / | – | – | – | – | ·58 | – | – | ·61 | ·02 | – | | 29 |
| 30 | ·02 | ✕ | – | – | – | ·07 | ·14 | ·69 | – | ·10 | ·05 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·12 | – | ✕ | tr | – | – | | 31 |
| TOTAL | 4·77 | ·97 | 2·49 | 84 | 1·41 | 1·95 | 2·56 | 2·90 | 1·13 | 4·39 | 2·32 | 1·32 | Year's Total<br>27·05 | ✓ "d" |
| * Days with .01 in. or more. | 22 | 9 | 15 | 11 | ~~8~~ 9 | 12 | ~~16~~ 17 | 10 | 12 | 16 | 20 | 13 | 166 | ✓ |
| * Days with .04 in. or more. | 17 | 7 | 11 | 8 | ~~9~~ 8 | 10 | ~~13~~ 14 | 9 | 5 | 13 | 11 | ~~7~~ 8 | 121 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3506 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1[illegible]0

# REGISTER OF RAINFALL IN 1940

Kept at Egglescliffe

in the County of Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

" Ground " Sea Level 100 ft.

BRITISH RAINFALL ORGANIZATION.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·03 | - | ·16 | - | - | - | - | - | - | ·02 | - | | 1 |
| 2 | - | - | - | ·04 | - | - | - | - | - | - | ·15 | ·05 | | 2 |
| 3 | - | ·02 | - | ·02 | - | - | tr | - | - | ·12 | - | ·05 | | 3 |
| 4 | - | ·12 | ·02 | - | - | - | ·15 | - | - | ·11 | ·07 | ·03 | | 4 |
| 5 | - | - | - | - | ·25 | - | - | - | - | - | ·03 | ·20 | | 5 |
| 6 | - | - | - | - | - | - | - | - | - | ·73 | ·08 | ·03 | | 6 |
| 7 | ·02 | ·05 | - | ·10 | TR | - | tr | ·04 | ·03 | ·01 | - | - | | 7 |
| 8 | ·01 | - | - | - | - | - | tr | ·04 | ·02 | ·12 | ·01 | ·15 | | 8 |
| 9 | - | - | ·50 | - | - | - | ·48 | - | ·02 | ·07 | ·59 | ·08 | | 9 |
| 10 | - | - | ·04 | - | - | - | 1·18 | ·15 | - | - | ·04 | - | | 10 |
| 11 | - | ·25 | ·02 ✓ | - | - | ·05 | 1·10 | - | ·07 | - | ·23 | ·03 | | 11 |
| 12 | - | - | ·75 | - | - | - | - | - | ·08 | - | - | - | | 12 |
| 13 | - | - | ·19 | - | - | - | - | - | ·03 | - | ·18 | ·14 | | 13 |
| 14 | - | - | ·01 | ·03 | ·22 | - | ·34 | - | - | tr | - | ·19 | | 14 |
| 15 | ·04 | - | ·03 | - | ·11 | ·09 | ·01 | - | ·01 | - | ·07 | - | | 15 |
| 16 | ·17 | - | - | - | - | - | ·44 | - | ·63 | ·39 | ·16 | ·01 | | 16 |
| 17 | - | - | ·24 | - | - | - | 2·08 | tr | - | ·14 | ·41 | ·02 | | 17 |
| 18 | - | ·07 | ·12 | ·73 | - | - | ·22 | ·28 | ·08 | - | ·67 | ·10 | | 18 |
| 19 | - | ·07 | - | ·04 | - | ·06 | tr | - | ·03 | - | ·25 | ·03 | | 19 |
| 20 | - | - | - | ·09 | - | - | ·01 | - | - | - | ·04 | - | | 20 |
| 21 | ·35 | - | ·10 | - | - | ·25 | - | ·01 | - | ·14 | ·53 | - | | 21 |
| 22 | ·15 | - | ·03 | tr | ·35 | ·21 | ·01 | ·01 | ·12 | ·09 | - | - | | 22 |
| 23 | - | - | tr | ·13 | ·01 | - | ·05 | - | tr | ·09 | ·04 | ·04 | | 23 |
| 24 | ·20 | ·06 | - | ·06 | - | - | - | - | - | ·18 | ·01 | ·09 | | 24 |
| 25 | - | - | - | - | - | - | - | - | - | ·03 | - | ·02 | | 25 |
| 26 | ·30 | - | - | ·04 | ·19 | - | ·22 | - | ·01 | ·05 | - | - | | 26 |
| 27 | - | ·18 | - | ·22 | - | - | tr | - | - | ·08 | - | - | | 27 |
| 28 | ·06 | ·48 | - | - | ·36 | - | - | ·09 | - | - | - | - | | 28 |
| 29 | - | - | ·21 | - | - | ·09 | ·05 | ·05 | ·01 | - | - | ·12 | | 29 |
| 30 | ·16 | × | - | - | - | - | - | - | - | ·43 | - | ·76 | | 30 |
| 31 | ·37 | × | - | × | - | × | - | - | × | ·30 | × | ·08 | | 31 |
| TOTAL | 1·83 | 1·33 | 2·26 | 1·66 | 1·49 | ·75 | 6·34 | ·67 | 1·14 | 3·08 | 3·58 | 2·22 | Year's Total 26·35 | ✓ |
| * Days with .01 in. or more. | 11 | 10 | 13 | 12 | 7 | 6 | 14 | 8 | 13 | 17 | 19 | 20 | 150 | ✓ |
| * Days with .04 in. or more. | 9 | 8 | 8 | 10 | 6 | 6 | 11 | 6 | 5 | 15 | 15 | 13 | 112 | ✓ |

† Spare column, no entries required.

(Signed) Walter Jones [P.T.O.

* See Instruction 3 (f) on other side.

3507

**Section** **A** for the entry of D
AIR MINISTRY.-

OR OFFICIAL USE.
RGANIZATION.

FORM 1090.

# REGISTI

3507

WHORLTON VICARAGE
1931—40

780701

Kept at Whorlton Vicar
in the County of Durham
Diameter of Funnel of Gauge 5
Height of top of Gauge above Ground
,, Ground ,, Sea Leve

**THE MORNING MEASURE**

*An observer who does not conform to this*
*year in the space on the right of this p*

**Ple**

ing

Jan. 1, following

| Date | Jan. | Feb. | March | Ap | | | | | | | ov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in | | | | | | | n. | in. | |
| 1 | – | ·04 | ·03 | – | – | – | – | ·05 | ·13 | ·05 | – | – | 1 |
| 2 | – | ·05 | – | ·68 | – | ·73 | – | – | ·87 | ·03 | ·01 | ·37 | 2 |
| 3 | – | ·02 | – | ·03 | – | ·10 | ·03 | – | ·72 | – | ·54 | ·15 | 3 |
| 4 | – | ·05 | – | ·11 | – | – | – | – | ·28 | – | ·04 | ·26 | 4 |
| 5 | – | ·03 | – | – | ·04 | ·55 | ·38 | ·02 | ·01 | – | – | ·28 | 5 |
| 6 | – | ·25 | ·06 | – | – | ·31 | ·42 | ·26 | – | ·01 | ·02 | – | 6 |
| 7 | – | ·04 | ·09 | – | ·06 | ·20 | ·18 | ·28 | – | ·03 | ·18 | – | 7 |
| 8 | – | ·03 | ·20 | ·01 | ·08 | ·07 | ·53 | ·10 | – | ·04 | ·10 | – | 8 |
| 9 | ·03 | ·12 | ·39 | ·04 | ·06 | ·05 | ·14 | ·10 | – | ·03 | ·20 | – | 9 |
| 10 | – | ·04 | ·03 | – | ·04 | ·21 | ·02 | ·11 | – | – | ·09 | – | 10 |
| 11 | ·04 | ·53 | ·01 | ·05 | – | ·06 | ·05 | – | – | – | ·01 | – | 11 |
| 12 | ·09 | ·01 | – | – | – | ·03 | ·25 | ·01 | ·03 | ·09 | – | – | 12 |
| 13 | – | – | ·04 | – | – | ·03 | – | ·06 | ·01 | – | – | – | 13 |
| 14 | ·01 | ·02 | ·04 | – | ·05 | ·47 | ·30 | 1·04 | – | – | ·14 | ·09 | 14 |
| 15 | – | ·07 | – | ·15 | ·06 | ·01 | ·24 | ·15 | – | – | ·07 | – | 15 |
| 16 | ·16 | ·17 | – | ·22 | ·26 | ·02 | – | ·38 | ·14 | – | ·01 | – | 16 |
| 17 | ·01 | ·14 | – | ·24 | ·02 | – | ·08 | ·03 | ·01 | – | ·14 | – | 17 |
| 18 | ·08 | ·03 | – | ·36 | – | – | ·01 | – | – | ·01 | ·17 | – | 18 |
| 19 | ·01 | – | – | ·08 | – | ·30 | ·10 | ·74 | ·11 | ·01 | ·03 | – | 19 |
| 20 | – | ·01 | – | ·04 | – | – | ·03 | – | – | – | ·05 | ·02 | 20 |
| 21 | – | – | – | ·05 | – | – | ·01 | ·01 | – | – | ·04 | – | 21 |
| 22 | ·22 | ·04 | ·01 | ·02 | ·43 | ·01 | – | – | – | – | ·04 | – | 22 |
| 23 | ·38 | – | – | ·06 | ·18 | – | ·01 | – | – | – | ·23 | – | 23 |
| 24 | ·15 | – | – | ·34 | ·49 | ·24 | ·03 | – | – | ·20 | ·01 | – | 24 |
| 25 | ·09 | – | – | ·06 | ·04 | – | ·09 | – | – | – | ·06 | – | 25 |
| 26 | ·02 | – | – | ·09 | – | – | ·02 | – | – | ·02 | ·50 | – | 26 |
| 27 | ·03 | – | – | ·08 | – | – | – | – | – | ·02 | ·16 | – | 27 |
| 28 | ·26 | ·01 | ·02 | ·15 | ·40 | – | ·08 | – | – | ·01 | – | ·01 | 28 |
| 29 | ·29 | × | ·02 | – | ·10 | – | ·06 | – | – | ·29 | ·04 | ·11 | 29 |
| 30 | ·05 | × | – | – | ·69 | ·01 | ·02 | – | – | – | – | – | 30 |
| 31 | ·24 | × | – | × | ·02 | × | ·25 | – | × | – | × | ·01 | 31 |
| TOTAL | 2·16 | 1·70 | ·92 | 2·86 | 3·02 | 3·40 | 3·33 | 3·34 | 2·31 | ·84 | 2·88 | 1·24 | YEAR'S TOTAL 28·00 |
| *Days with ·01 in. or more. | 18 | 20 | 12 | 20 | 17 | 18 | 24 | 15 | 10 | 14 | 24 | 9 | 201 |
| *Days with ·04 in. or more. | 12 | 12 | 6 | 17 | 15 | 12 | 15 | 11 | 6 | 5 | 18 | 6 | 138 |

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(Signed) E. E. Gleaves [P.T.O.

*See Instruction 2 (*f*) on other side.

3507

**Section** **A** for the entry of D … OR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ....ft 1½ in.

,, Ground ,, Sea Level ....ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | ·04 | ·03 | — | — | — | — | ·05 | ·13 | ·05 | — | — | 1 |
| 2 | — | ·05 | — | ·68 | — | ·73 | — | — | ·87 | ·03 | ·01 | ·37 | 2 |
| 3 | — | ·02 | — | ·03 | — | ·10 | ·03 | — | ·72 | — | ·54 | ·15 | 3 |
| 4 | — | ·05 | — | ·11 | — | — | — | — | ·28 | — | ·04 | ·26 | 4 |
| 5 | — | ·03 | — | — | ·04 | ·55 | ·38 | ·02 | ·01 | — | — | ·28 | 5 |
| 6 | — | ·25 | ·06 | — | — | ·31 | ·42 | ·26 | — | ·01 | ·02 | — | 6 |
| 7 | — | ·04 | ·07 | — | ·06 | ·20 | ·18 | ·28 | — | ·03 | ·18 | — | 7 |
| 8 | — | ·03 | ·20 | ·01 | ·08 | ·07 | ·53 | ·10 | — | ·04 | ·10 | — | 8 |
| 9 | ·03 | ·12 | ·39 | ·04 | ·06 | ·05 | ·14 | ·10 | — | ·03 | ·20 | — | 9 |
| 10 | — | ·04 | ·03 | — | ·04 | ·21 | ·02 | ·11 | — | — | ·09 | — | 10 |
| 11 | ·04 | ·53 | ·01 | ·05 | — | ·06 | ·05 | — | — | — | ·01 | — | 11 |
| 12 | ·09 | ·01 | — | — | — | ·03 | ·25 | ·01 | ·03 | ·09 | — | — | 12 |
| 13 | — | — | ·04 | — | — | ·03 | — | ·06 | ·01 | — | — | — | 13 |
| 14 | ·01 | ·02 | ·04 | — | ·05 | ·47 | ·30 | 1·04 | — | — | ·14 | ·09 | 14 |
| 15 | — | ·07 | — | ·15 | ·06 | ·01 | ·24 | ·15 | — | — | ·07 | — | 15 |
| 16 | ·16 | ·17 | — | ·22 | ·26 | ·02 | — | ·38 | ·14 | — | ·01 | — | 16 |
| 17 | ·01 | ·14 | — | ·24 | ·02 | — | ·08 | ·03 | ·01 | — | ·14 | — | 17 |
| 18 | ·08 | ·03 | — | ·36 | — | — | ·01 | — | — | ·01 | ·17 | — | 18 |
| 19 | ·01 | — | — | ·08 | — | ·30 | ·10 | ·74 | ·11 | ·01 | ·03 | — | 19 |
| 20 | — | ·01 | — | ·04 | — | — | ·03 | — | — | — | ·05 | ·02 | 20 |
| 21 | — | — | — | ·05 | — | — | ·01 | ·01 | — | — | ·04 | — | 21 |
| 22 | ·22 | ·04 | ·01 | ·02 | ·43 | ·01 | — | — | — | — | ·04 | — | 22 |
| 23 | ·38 | — | — | ·06 | ·18 | — | ·01 | — | — | — | ·23 | — | 23 |
| 24 | ·15 | — | — | ·34 | ·49 | ·24 | ·03 | — | — | ·20 | ·01 | — | 24 |
| 25 | ·09 | — | — | ·06 | ·04 | — | ·09 | — | — | — | ·06 | — | 25 |
| 26 | ·02 | — | — | ·09 | — | — | ·02 | — | — | ·02 | ·50 | — | 26 |
| 27 | ·03 | — | — | ·08 | — | — | — | — | — | ·02 | ·16 | — | 27 |
| 28 | ·26 | ·01 | ·02 | ·15 | ·40 | — | ·08 | — | — | ·01 | — | ·01 | 28 |
| 29 | ·29 | × | ·02 | — | ·10 | — | ·06 | — | — | ·29 | ·04 | ·11 | 29 |
| 30 | ·05 | × | — | — | ·69 | ·01 | ·02 | — | — | — | — | — | 30 |
| 31 | ·24 | × | — | × | ·02 | × | ·25 | — | × | — | × | ·01 | 31 |
| TOTAL | 2·16 | 1·70 | ·92 | 2·86 | 3·02 | 3·40 | 3·33 | 3.34 | 2·31 | ·84 | 2·88 | 1·24 | YEAR'S TOTAL<br>28.00 |
| *Days with ·01 in. or more. | 18 | 20 | 12 | 20 | 17 | 18 | 24 | 15 | 10 | 14 | 24 | 9 | 201 |
| *Days with ·04 in. or more. | 12 | 12 | 6 | 17 | 15 | 12 | 15 | 11 | 6 | 5 | 18 | 6 | 138 |

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(*Signed*) E. E. Gleaves. [P.T.O.

*See Instruction 2 (*f*) on other side.

3507

**Section** **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 11½ in.

,, Ground ,, Sea Level ft.

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | — | ·11 | ·20 | — | ·12 | ·02 | ·32 | ·02 | ·01 | ·11 | 1 |
| 2 | — | — | — | — | ·56 | — | — | — | ·25 | ·04 | — | ·10 | 2 |
| 3 | ·08 | ·01 | — | ·08 | — | — | ·24 | — | ·02 | — | — | ·12 | 3 |
| 4 | ·01 | — | — | ·01 | ·10 | — | — | — | — | — | — | — | 4 |
| 5 | ·24 | ·01 | ·04 | ·01 | ·06 | — | — | — | ·06 | — | — | ·01 | 5 |
| 6 | ·17 | — | ·05 | ·13 | ·09 | — | — | — | ·04 | — | — | ·01 | 6 |
| 7 | — | — | ·14 | ·07 | ·04 | — | — | — | ·03 | ·16 | — | — | 7 |
| 8 | — | ·03 | — | ·02 | ·05 | ·01 | — | — | ·26 | ·65 | ·08 | — | 8 |
| 9 | ·40 | ·10 | — | ·21 | ·12 | — | — | — | ·04 | ·11 | ·01 | ·02 | 9 |
| 10 | ·30 | ·24 | ·05 | ·07 | — | — | — | — | ·08 | ·35 | — | ·18 | 10 |
| 11 | ·02 | ·36 | ·04 | — | ·29 | ·11 | ·75 | — | ·16 | ·01 | ·01 | — | 11 |
| 12 | ·20 | — | — | — | ·03 | — | ·02 | — | ·01 | ·04 | ·09 | — | 12 |
| 13 | ·09 | — | — | ·09 | ·02 | — | ·01 | ·04 | ·40 | ·03 | ·03 | ·06 | 13 |
| 14 | ·12 | — | — | ·01 | — | — | ·06 | — | ·02 | ·01 | ·04 | ·01 | 14 |
| 15 | ·04 | — | — | ·02 | ·06 | — | — | — | — | — | ·13 | ·06 | 15 |
| 16 | ·20 | — | — | — | ·02 | — | ·01 | — | — | — | ·02 | ·06 | 16 |
| 17 | — | — | — | ·02 | ·05 | — | ·05 | — | — | ·13 | ·03 | ·01 | 17 |
| 18 | — | — | — | — | ·02 | — | — | — | ·01 | — | ·01 | — | 18 |
| 19 | — | — | — | ·07 | ·06 | — | — | — | ·05 | ·06 | — | — | 19 |
| 20 | — | — | ·05 | ·06 | ·23 | — | — | ·22 | — | ·15 | — | ·01 | 20 |
| 21 | — | — | ·38 | ·02 | ·66 | — | ·05 | ·57 | — | ·70 | — | ·05 | 21 |
| 22 | — | — | ·16 | ·12 | ·02 | — | ·30 | — | — | ·07 | ·10 | — | 22 |
| 23 | — | ·04 | — | ·02 | ·02 | — | ·13 | — | ·02 | ·04 | ·15 | .03 | 23 |
| 24 | — | — | — | — | ·01 | — | ·34 | — | ·08 | — | ·03 | — | 24 |
| 25 | — | ·02 | — | ·16 | ·12 | — | — | — | ·04 | ·17 | ·03 | — | 25 |
| 26 | — | ·01 | ·19 | ·02 | ·10 | — | ·09 | — | ·06 | ·06 | ·15 | — | 26 |
| 27 | — | — | — | ·03 | ·06 | ·32 | ·15 | — | — | ·12 | ·01 | ·01 | 27 |
| 28 | — | — | ·01 | ·19 | ·29 | ·10 | ·20 | — | — | ·03 | — | — | 28 |
| 29 | — | — | ·30 | ·05 | ·04 | ·06 | ·59 | ·67 | ·09 | ·14 | ·17 | ·14 | 29 |
| 30 | — | × | ·01 | ·02 | ·01 | ·44 | ·01 | ·02 | ·32 | ·15 | ·18 | ·04 | 30 |
| 31 | — | × | — | × | — | × | ·10 | — | × | ·03 | × | ·02 | 31 |
| TOTAL | 1·87 | ·82 | 1·42 | 1·61 | 3.33 | 1·04 | 3·22 | 1·48 | 2·33 | 3·27 | 1·28 | 1·05 | YEAR'S TOTAL<br>22·72 |
| *Days with ·01 in. or more. | 12 | 9 | 12 | 24 | 27 | 6 | 18 | 6 | 21 | 23 | 19 | 19 | 196 |
| *Days with ·04 in. or more. | 10 | 4 | 10 | 13 | 19 | 5 | 14 | 4 | 14 | 17 | 9 | 10 | 129 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) E. C. Greaves.

P.T.O.

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations.

Station No. 350·7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 11½ in.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·12 | — | ·02 | — | — | — | — | — | — | — | ·07 | — | 1 |
| 2 | ·12 | — | ·13 | — | — | ·13 | — | — | — | — | ·40 | ·01 | 2 |
| 3 | ·03 | ·08 | ·19 | — | ·51 | — | — | — | — | — | ·14 | — | 3 |
| 4 | ·34 | ·09 | ·04 | — | ·04 | — | — | — | — | — | — | — | 4 |
| 5 | ·09 | ·01 | ·10 | — | ·20 | — | — | — | — | — | — | — | 5 |
| 6 | ·01 | ·05 | ·12 | — | ·72 | — | — | — | — | — | — | ·05 | 6 |
| 7 | — | ·10 | — | — | ·05 | — | — | — | — | ·27 | — | — | 7 |
| 8 | ·03 | ·03 | ·02 | ·01 | ·03 | — | ·03 | — | — | ·03 | — | ·07 | 8 |
| 9 | — | ·47 | — | — | ·03 | ·01 | ·06 | — | — | ·17 | ·04 | — | 9 |
| 10 | — | ·05 | — | — | — | ·11 | ·05 | — | — | ·33 | ·01 | ·04 | 10 |
| 11 | — | — | — | — | ·06 | ·01 | ·01 | — | — | ·14 | — | ·03 | 11 |
| 12 | — | — | — | — | ·02 | ·20 | ·05 | — | — | — | — | ·05 | 12 |
| 13 | — | — | — | — | ·09 | ·01 | ·23 | ·21 | — | ·05 | ·02 | — | 13 |
| 14 | ·16 | — | — | — | ·03 | — | ·04 | — | — | — | ·45 | ·01 | 14 |
| 15 | ·15 | — | ·10 | — | — | — | ·22 | — | — | ·25 | ·48 | ·11 | 15 |
| 16 | ·16 | — | ·03 | ·06 | ·20 | ·04 | ·25 | ·01 | — | — | ·15 | — | 16 |
| 17 | ·20 | ·09 | ·19 | ·05 | ·05 | ·02 | — | — | ·01 | — | ·36 | — | 17 |
| 18 | — | ·10 | ·04 | ·09 | — | ·66 | — | — | — | — | ·22 | — | 18 |
| 19 | — | — | ·73 | ·06 | — | ·05 | ·11 | — | ·08 | — | ·05 | — | 19 |
| 20 | — | — | — | ·04 | ·04 | ·02 | — | — | ·08 | ·08 | ·02 | — | 20 |
| 21 | — | ·02 | — | — | ·01 | ·01 | — | ·12 | ·35 | ·04 | ·05 | — | 21 |
| 22 | — | — | — | — | — | ·10 | — | — | — | ·64 | — | — | 22 |
| 23 | — | ·23 | — | ·01 | ·32 | ·01 | — | ·08 | ·02 | ·03 | — | — | 23 |
| 24 | — | ·50 | — | ·25 | ·16 | ·24 | — | — | ·49 | ·01 | ·01 | ·17 | 24 |
| 25 | — | 1·38 | — | ·20 | ·04 | — | — | ·01 | ·32 | ·05 | — | — | 25 |
| 26 | — | 1·15 | — | ·04 | ·04 | — | — | — | ·05 | ·05 | — | ·01 | 26 |
| 27 | — | ·12 | — | ·01 | ·01 | — | ·34 | — | ·01 | ·06 | ·05 | — | 27 |
| 28 | — | ·02 | — | ·02 | — | — | — | ·56 | ·01 | ·33 | — | ·06 | 28 |
| 29 | — | × | — | ·09 | — | — | ·09 | ·04 | — | ·30 | — | ·01 | 29 |
| 30 | ·03 | × | — | — | — | — | ·04 | — | ·10 | ·02 | — | ·03 | 30 |
| 31 | ·12 | × | — | × | — | × | — | — | × | ·03 | × | ·07 | 31 |
| TOTAL | 1·56 | 4·49 | 1·71 | ·93 | 2·65 | 1·62 | 1·52 | 1·03 | 1·52 | 2·88 | 2·52 | ·72 | YEAR'S TOTAL<br>23·15 |
| *Days with ·01 in. or more. | 13 | 17 | 12 | 13 | 20 | 15 | 13 | 7 | 11 | 19 | 16 | 14 | 170 |
| *Days with .04 in. or more. | 9 | 13 | 9 | 9 | 14 | 8 | 11 | 5 | 7 | 14 | 12 | 8 | 119 |

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*See Instruction 2 (*f*) on other side,

DM

(Signed) E. E. Gleaves

P.T.O.

3507

**Section** A for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Duplicate

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*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·12 | | ·02 | | | | | | | | ·07 | | 1 |
| 2 | ·12 | | ·13 | | | ·13 | | | | | ·40 | ·01 | 2 |
| 3 | ·03 | ·08 | ·19 | | ·51 | | | | | | ·14 | | 3 |
| 4 | ·34 | ·09 | ·04 | | ·04 | | | | | | | | 4 |
| 5 | ·09 | ·01 | ·10 | | ·20 | | | | | | | | 5 |
| 6 | ·01 | ·05 | ·12 | | ·72 | | | | | | | ·05 | 6 |
| 7 | | ·10 | | | ·05 | | | | | ·27 | | | 7 |
| 8 | ·03 | ·03 | ·02 | ·01 | ·03 | | ·03 | | | ·03 | | ·07 | 8 |
| 9 | | ·47 | | | ·03 | ·01 | ·06 | | | ·17 | ·04 | | 9 |
| 10 | | ·05 | | | | ·11 | ·05 | | | ·33 | ·01 | ·04 | 10 |
| 11 | | | | | ·06 | ·01 | ·01 | | | ·14 | | ·03 | 11 |
| 12 | | | | | ·02 | ·20 | ·05 | | | | | ·05 | 12 |
| 13 | | | | | ·09 | ·01 | ·23 | ·21 | | ·05 | ·02 | | 13 |
| 14 | ·16 | | | | ·03 | | ·04 | | | | ·45 | ·01 | 14 |
| 15 | ·15 | | ·10 | | | | ·22 | | | ·25 | ·48 | ·11 | 15 |
| 16 | ·16 | | ·03 | ·06 | ·20 | ·04 | ·25 | ·01 | | | ·15 | | 16 |
| 17 | ·20 | ·09 | ·19 | ·05 | ·05 | ·02 | | | ·01 | | ·36 | | 17 |
| 18 | | ·10 | ·04 | ·09 | | ·66 | | | | | ·22 | | 18 |
| 19 | | | ·73 | ·06 | | ·05 | ·11 | | ·08 | | ·05 | | 19 |
| 20 | | | | ·04 | ·04 | ·02 | | | ·08 | ·08 | ·02 | | 20 |
| 21 | | ·02 | | | ·01 | ·01 | | ·12 | ·35 | ·04 | ·05 | | 21 |
| 22 | | | | | | ·10 | | | | ·64 | | | 22 |
| 23 | | ·23 | | ·01 | ·32 | ·01 | | ·08 | ·02 | ·03 | | | 23 |
| 24 | | ·50 | | ·25 | ·16 | ·24 | | | ·49 | ·01 | ·01 | ·17 | 24 |
| 25 | | 1·38 | | ·20 | ·04 | | | ·01 | ·32 | ·05 | | | 25 |
| 26 | | 1·15 | | ·04 | ·04 | | | | ·05 | ·05 | | ·01 | 26 |
| 27 | | ·12 | | ·01 | ·01 | | ·34 | | ·01 | ·06 | ·05 | | 27 |
| 28 | | ·02 | | ·02 | | | | ·56 | ·01 | ·33 | | ·06 | 28 |
| 29 | | | | ·09 | | | ·09 | ·04 | | ·30 | | ·01 | 29 |
| 30 | ·03 | X | | | | | ·04 | | ·10 | ·02 | | ·03 | 30 |
| 31 | ·12 | X | | X | | X | | | X | ·03 | X | ·07 | 31 |
| TOTAL | 1·56 | 4·49 | 1·71 | ·93 | 2·65 | 1·62 | 1·52 | 1·03 | 1·52 | 2·88 | 2·52 | ·72 | YEAR'S TOTAL 23·15 |
| *Days with ·01 in. or more. | 13 | 17 | 12 | 13 | 20 | 15 | 13 | 7 | 11 | 19 | 16 | 14 | 170 |
| *Days with ·04 in. or more. | 9 | 13 | 9 | 9 | 14 | 8 | 11 | 5 | 7 | 14 | 12 | 8 | 119 |

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*See Instruction 2 (*f*) on other side.

M

(*Signed*) Rev E. E. Greaves [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 11½ in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | – | – | – | – | – | – | – | – | – | – | ·21 | | 1 |
| 2 | ·01 | ·01 | ·03 | – | – | – | – | ·61 | ·16 | – | ·08 | ·42 | | 2 |
| 3 | ·01 | – | – | – | – | – | – | – | – | ·23 | ·05 | ·07 | | 3 |
| 4 | ·01 | – | ·04 | ·10 | – | – | – | – | – | ·21 | – | ·80 | | 4 |
| 5 | – | – | ·09 | ·11 | – | – | – | ·12 | – | ·02 | ·05 | ·45 | | 5 |
| 6 | – | – | – | ·08 | ·65 | – | – | ·52 | ·08 | ·03 | – | ·44 | | 6 |
| 7 | ·04 | – | – | ·03 | ·05 | ·09 | – | – | – | – | – | ·32 | | 7 |
| 8 | – | ·08 | – | – | ·30 | ·29 | – | – | ·06 | ·04 | – | ·12 | | 8 |
| 9 | ·01 | ·01 | ·05 | ·31 | – | – | – | ·03 | – | ·03 | ·90 | ·02 | | 9 |
| 10 | ·05 | – | ·33 | ·12 | – | – | – | ·09 | – | – | ·30 | – | | 10 |
| 11 | ·25 | – | ·83 | 1·16 | – | – | – | – | – | – | ·02 | ·12 | | 11 |
| 12 | ·01 | – | ·54 | ·29 | ·01 | – | ·18 | ·05 | – | – | ·03 | ·14 | | 12 |
| 13 | ·41 | – | ·02 | ·08 | – | – | ·59 | ·04 | – | – | ·04 | ·01 | | 13 |
| 14 | ·10 | – | ·34 | – | ·03 | ·16 | ·09 | – | – | ·16 | ·04 | ·11 | | 14 |
| 15 | ·01 | – | ·03 | ·01 | ·14 | – | – | ·05 | – | ·23 | ·14 | ·09 | | 15 |
| 16 | ·13 | – | ·17 | ·01 | ·03 | – | – | – | – | – | ·10 | – | | 16 |
| 17 | ·16 | – | ·03 | – | ·05 | – | ·33 | ·01 | ·15 | ·03 | – | ·22 | | 17 |
| 18 | ·18 | – | ·01 | – | ·25 | – | – | – | – | – | – | ·05 | | 18 |
| 19 | – | – | ·09 | ·08 | – | ·02 | – | – | ·03 | – | – | ·03 | | 19 |
| 20 | – | – | ·02 | – | – | ·01 | – | ·04 | – | – | – | – | | 20 |
| 21 | – | – | – | – | – | ·70 | – | ·12 | ·12 | ·03 | – | – | | 21 |
| 22 | – | – | – | – | – | ·20 | – | ·11 | ·15 | ·08 | – | ·04 | | 22 |
| 23 | – | – | ·08 | ·10 | – | – | ·02 | – | – | ·19 | – | ·08 | | 23 |
| 24 | – | – | – | ·12 | ·05 | ·17 | – | – | ·05 | ·64 | – | ·09 | | 24 |
| 25 | ·03 | ·04 | – | ·19 | ·02 | ·03 | – | – | ·15 | ·31 | – | ·65 | | 25 |
| 26 | ·23 | – | – | ·25 | – | – | – | – | ·01 | ·10 | – | ·01 | | 26 |
| 27 | – | ·11 | – | ·19 | – | ·11 | ·02 | – | ·01 | ·39 | – | ·15 | | 27 |
| 28 | – | – | – | ·24 | – | ·22 | ·01 | ·16 | – | ·01 | – | ·35 | | 28 |
| 29 | – | × | ·01 | ·01 | – | – | ·03 | ·17 | 43 | – | – | ·05 | | 29 |
| 30 | ·15 | × | ·04 | – | – | – | ·18 | – | ·04 | ·67 | – | ·11 | | 30 |
| 31 | ·04 | × | – | × | – | × | – | ·14 | × | ·03 | × | ·07 | | 31 |
| TOTAL | 1·83 | ·25 | 2·75 | 3·48 | 1·58 | 2·00 | 1·45 | 2·26 | 1·44 | 3·43 | 1·75 | 5·22 | Year's Total.<br>27·44 | ~~27·44~~ |
| * Days with .01 in. or more. | 19 | 5 | 18 | 19 | 11 | 11 | 9 | 15 | 13 | 19 | 11 | 27 | 177 | 177 |
| * Days with .04 in. or more. | 12 | 3 | 11 | 15 | 7 | 8 | 5 | 13 | 19 | 12 | 9 | 23 | 128 | |

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* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) E. G. Gleaves

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge ...... in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level ...... ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·05 | | | | | | | | | | | ·21 | | 1 |
| 2 | ·01 | ·01 | ·03 | | | | | ·61 | ·16 | | ·08 | ·42 | | 2 |
| 3 | ·01 | | | | | | | | | ·23 | ·05 | ·07 | | 3 |
| 4 | ·01 | | ·04 | ·10 | | | | | | ·21 | | ·80 | | 4 |
| 5 | | | ·09 | ·11 | | | | ·12 | | ·02 | ·05 | ·45 | | 5 |
| 6 | | | | ·08 | ·65 | | | ·52 | ·08 | ·03 | | ·44 | | 6 |
| 7 | ·04 | | | ·03 | ·05 | ·09 | | | | | | ·32 | | 7 |
| 8 | | ·08 | | | ·30 | ·29 | | | ·06 | ·04 | | ·12 | | 8 |
| 9 | ·01 | ·01 | ·05 | ·31 | | | | ·03 | | ·03 | ·90 | ·02 | | 9 |
| 10 | ·05 | | ·33 | ·12 | | | | ·09 | | | ·30 | | | 10 |
| 11 | ·25 | | ·83 | 1·16 | | | | | | | ·02 | ·12 | | 11 |
| 12 | ·01 | | ·54 | ·29 | ·01 | | ·18 | ·05 | | | ·03 | ·14 | | 12 |
| 13 | ·41 | | ·02 | ·08 | | | ·59 | ·04 | | | ·04 | ·01 | | 13 |
| 14 | ·10 | | ·34 | | ·03 | ·16 | ·09 | | | ·16 | ·04 | ·11 | | 14 |
| 15 | ·01 | | ·03 | ·01 | ·14 | | | ·05 | | ·23 | ·14 | ·09 | | 15 |
| 16 | ·13 | | ·17 | ·01 | ·03 | | | | | | ·10 | | | 16 |
| 17 | ·16 | | ·03 | | ·05 | | ·33 | ·01 | ·15 | ·03 | | ·22 | | 17 |
| 18 | ·13 | | ·01 | | ·25 | | | | | | | ·05 | | 18 |
| 19 | | | ·09 | ·08 | | ·02 | | | ·03 | | | ·03 | | 19 |
| 20 | | | ·02 | | | ·01 | | ·04 | | | | | | 20 |
| 21 | | | | | | ·70 | | ·12 | ·12 | ·03 | | | | 21 |
| 22 | | | | | | ·20 | | ·11 | ·15 | ·08 | | ·04 | | 22 |
| 23 | | | ·08 | ·10 | | | ·02 | | | ·19 | | ·08 | | 23 |
| 24 | | | | ·12 | ·05 | ·17 | | | ·05 | ·64 | | ·09 | | 24 |
| 25 | ·03 | ·04 | | ·19 | ·02 | ·03 | | | ·15 | ·31 | | ·65 | | 25 |
| 26 | ·23 | | | ·25 | | | | | ·01 | ·10 | | ·01 | | 26 |
| 27 | | ·11 | | ·19 | | ·11 | ·02 | | ·01 | ·39 | | ·15 | | 27 |
| 28 | | | | ·24 | | ·22 | ·01 | ·16 | | ·01 | | ·35 | | 28 |
| 29 | | | ·01 | ·01 | | | ·03 | ·17 | ·43 | | | ·05 | | 29 |
| 30 | ·15 | ✕ | ·04 | | | | ·18 | | ·04 | ·67 | | ·11 | | 30 |
| 31 | ·04 | ✕ | | ✕ | | ✕ | | ·14 | ✕ | ·03 | ✕ | ·07 | Year's Total | 31 |
| TOTAL | 1·83 | ·25 | 2·75 | 3·48 | 1·58 | 2·00 | 1·45 | 2·26 | 1·44 | 3·43 | 1·75 | 5·22 | 27·44 | |
| *Days with ·01 in. or more. | 19 | 5 | 18 | 19 | 11 | 11 | 9 | 15 | 13 | 19 | 11 | 27 | 177 | |
| *Days with .04 in. or more. | 12 | 3 | 11 | 15 | 7 | 8 | 5 | 13 | 10 | 12 | 9 | 23 | 128 | |

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) E. E. Gleaves

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 11½ in.

,, Ground ,, Sea Level ft.

Jan–Sept cor for Arith
Dec
chg monthly card

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·40 | ·02 | ·05 | – | – | – | ·05 | – | ·31 | ·06 | ·03 | ·20 | | 1 |
| 2 | – | ·01 | – | – | – | ·02 | – | – | – | ·65 | ·05 | ·01 | | 2 |
| 3 | – | ·34 | ·13 | ·08 | – | ·25 | – | – | ·20 | – | ·32 | – | | 3 |
| 4 | – | – | ·01 | ·12 | – | ·31 | – | – | ·02 | ·60 | ·03 | – | | 4 |
| 5 | ·05 | ·28 | – | – | – | ·04 | ·05 | – | ·31 | ·30 | ·01 | – | | 5 |
| 6 | ·14 | ·04 | – | – | – | ·20 | ·01 | – | ·01 | ·10 | – | – | | 6 |
| 7 | ·17 | – | – | ·08 | – | ·18 | – | – | – | ·07 | ·20 | ·04 | | 7 |
| 8 | – | – | – | ·13 | – | ·15 | – | – | – | ·02 | ·07 | – | | 8 |
| 9 | – | – | ·01 | ·39 | – | ·10 | – | – | – | ·36 | ·20 | ·01 | | 9 |
| 10 | – | – | – | ·08 | – | ·04 | – | – | – | ·21 | ·23 | – | | 10 |
| 11 | ·17 | – | – | ·04 | – | ·13 | – | ·19 | – | ·09 | ·12 | ·05 | | 11 |
| 12 | – | – | – | – | – | ·02 | – | – | – | – | – | ·01 | | 12 |
| 13 | ·11 | ·03 | – | ·09 | – | ·04 | – | – | ·12 | – | – | – | | 13 |
| 14 | – | – | ·05 | ·19 | ·23 | ·03 | ·20 | – | ·07 | – | ·60 | ·04 | | 14 |
| 15 | – | ·30 | – | ·42 | ·11 | – | – | – | ·34 | – | ·05 | ·07 | | 15 |
| 16 | – | ·31 | ·08 | ·20 | ·20 | ·04 | – | ·10 | ·57 | – | ·49 | – | | 16 |
| 17 | – | ·01 | – | ·07 | ·02 | ·24 | – | ·35 | ·04 | ·02 | 1·30 | – | | 17 |
| 18 | ·01 | – | – | ·02 | – | ·04 | ·06 | ·05 | ·06 | ·16 | ·08 | – | | 18 |
| 19 | – | ·02 | – | ·02 | – | ·20 | ·12 | – | – | ·29 | ·14 | – | | 19 |
| 20 | – | ·32 | – | ·25 | – | ·13 | – | – | – | – | ·25 | – | | 20 |
| 21 | – | ·04 | ·20 | ·03 | – | ·01 | – | – | 2·03 | ·05 | ·40 | – | | 21 |
| 22 | – | ·08 | – | ·02 | – | – | – | – | ·02 | – | ·02 | – | | 22 |
| 23 | – | ·02 | ·03 | – | – | – | – | ·33 | – | ·14 | – | – | | 23 |
| 24 | ·09 | 1·00 | ·02 | – | – | – | – | – | 1·03 | – | – | ·33 | | 24 |
| 25 | ·10 | ·08 | – | – | – | ·25 | – | – | – | – | – | ·20 | | 25 |
| 26 | ·02 | – | – | – | – | ·01 | ·03 | ·86 | ·45 | – | ·04 | ·12 | | 26 |
| 27 | ·03 | ·17 | – | – | – | – | ·03 | – | ·18 | ·15 | ·04 | ·02 | | 27 |
| 28 | ·02 | ·03 | – | – | – | – | – | ·55 | ·06 | ·12 | ·05 | – | | 28 |
| 29 | – | × | ·11 | – | – | ·03 | – | – | ·01 | ·09 | ·07 | ·10 | | 29 |
| 30 | – | × | ·03 | – | – | ·28 | – | ·04 | ·60 | ·40 | ·34 | ·02 | | 30 |
| 31 | – | × | – | × | – | × | – | ·01 | × | ·10 | × | ·20 | | 31 |
| TOTAL | 1·31 | 3·10 | ·72 | 2·23 | ·56 | 2·74 | ·55 | 2·48 | 6·4$\overset{3}{2}$ | 3·98 | 5·13 | 1·42 | Year's Total.<br>30·65 | |
| * Days with .01 in. or more. | 12 | 18 | 11 | 17 | 4 | 23 | 8 | 9 | 19 | 20 | 24 | 15 | 180 | |
| * Days with .04 in. or more. | 8 | 11 | 6 | 13 | 3 | 18 17 | 5 | 8 | 15 | 18 | 20 | 10 | 135 4 | J |

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M

† Spare column, no entries required.

(*Signed*) E. E. Gleaves. [P.T.O.

* See Instruction 2 (f) on other side.

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Section **A** for the entry of Daily Observations. Station No. 3507

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FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Whorlton Vicarage

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Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·40 | ·02 | ·05 | | | | ·05 | | 31 | ·06 | ·03 | ·20 | | 1 |
| 2 | | ·01 | | | | ·02 | | | | 65 | ·05 | ·01 | | 2 |
| 3 | | ·34 | ·13 | ·08 | | ·25 | | | ·20 | | ·32 | | | 3 |
| 4 | | | ·01 | 12 | | ·31 | ·05 | | ·02 | ·60 | ·03 | | | 4 |
| 5 | ·05 | ·28 | | | | ·04 | ·01 | | ·31 | ·30 | ·01 | | | 5 |
| 6 | ·14 | ·04 | | | | ·20 | | | ·01 | ·10 | | | | 6 |
| 7 | ·17 | | | ·08 | | ·18 | | | | ·07 | ·20 | ·04 | | 7 |
| 8 | | | | ·13 | | ·15 | | | | ·02 | ·07 | | | 8 |
| 9 | | | ·01 | ·39 | | ·10 | | | | ·36 | ·20 | ·01 | | 9 |
| 10 | | | | ·08 | | ·04 | | | | ·21 | ·23 | | | 10 |
| 11 | 17 | | | ·04 | | ·13 | | ·19 | | ·09 | ·12 | ·05 | | 11 |
| 12 | | | | | | ·02 | | | | | | ·01 | | 12 |
| 13 | ·11 | 03 | | ·09 | | ·04 | | | ·12 | | | | | 13 |
| 14 | | | ·05 | ·19 | ·23 | ·03 | ·20 | | ·07 | | ·60 | ·04 | | 14 |
| 15 | | ·30 | | ·42 | ·11 | | | | ·34 | | ·05 | ·07 | | 15 |
| 16 | | ·31 | 08 | ·20 | ·20 | ·04 | | ·10 | ·57 | | ·49 | | | 16 |
| 17 | | 01 | | ·07 | ·02 | ·24 | | ·35 | ·04 | ·02 | 1·30 | | | 17 |
| 18 | ·01 | | | ·02 | | ·04 | ·06 | ·05 | ·06 | ·16 | 08 | | | 18 |
| 19 | | ·02 | | ·02 | | ·20 | ·12 | | | ·29 | ·14 | | | 19 |
| 20 | | ·32 | | ·25 | | ·13 | | | | | ·15 | | | 20 |
| 21 | | ·04 | ·20 | ·03 | | ·01 | | | 2·03 | ·05 | ·40 | | | 21 |
| 22 | | ·08 | | ·02 | | | | | ·02 | | ·02 | | | 22 |
| 23 | | ·02 | ·03 | | | | | ·33 | | ·14 | | | | 23 |
| 24 | 09 | 1·00 | ·02 | | | | | | 1·03 | | | ·33 | | 24 |
| 25 | ·10 | ·08 | | | | ·25 | | | | | | ·20 | | 25 |
| 26 | ·02 | | | | | ·01 | ·03 | ·86 | ·45 | | ·04 | ·12 | | 26 |
| 27 | ·03 | ·17 | | | | | ·03 | | ·18 | ·15 | ·04 | 02 | | 27 |
| 28 | ·02 | ·03 | | | | | | ·55 | ·06 | ·12 | ·05 | | | 28 |
| 29 | | | ·11 | | | ·03 | | | ·01 | ·09 | ·07 | ·10 | | 29 |
| 30 | | × | ·03 | | | ·28 | | ·04 | ·60 | ·40 | ·34 | ·02 | | 30 |
| 31 | | × | | × | | × | | 01 | × | 10 | × | ·20 | | 31 |
| TOTAL | 1·31 | 3·10 | ·72 | 2·23 | ·56 | 2·74 | ·55 | 2·48 | 6·43 | 3·98 | 5·13 | 1·42 | Year's Total<br>30·65 | |
| *Days with ·01 in. or more. | 12 | 18 | 11 | 17 | 4 | 23 | 8 | 9 | 19 | 20 | 24 | 15 | 180 | |
| *Days with .04 in. or more. | 8 | 11 | 6 | 13 | 3 | 17 ~~18~~ | 5 | 8 | 15 | 18 | 20 | 10 | 134 | |

† Spare column, no entries required.

(*Signed*) Rev. E. E. Gleaves [P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Copy by B.R.O.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·32 | ·10 | ·50 | ·04 | | ·12 | ·21 | ·24 | ·09 | — | — | — | | 1 |
| 2 | | | 08 | | | ·12 | ·02 | ·01 | — | — | - | ·07 | | 2 |
| 3 | | ·23 | | | | 99 | | | ·30 | — | - | ·01 | | 3 |
| 4 | ·21 | | 01 | | | ·04 | | ·14 | ·22 | ·01 | ·04 | ·23 | | 4 |
| 5 | ·14 | | | | ·01 | | | ·32 | — | — | ·06 | ·13 | | 5 |
| 6 | ·08 | | | | | | ·10 | ·64 | ·25 | — | ·18 | — | | 6 |
| 7 | ·03 | | 03 | | | | ·27 | | ·16 | — | 23 | ·01 | | 7 |
| 8 | ·11 | | ·35 | | | | | | — | ·01 | ·10 | — | | 8 |
| 9 | ·73 | | ·14 | | ·04 | | | | — | ·11 | ·09 | — | | 9 |
| 10 | ·14 | | | | | | | | — | — | ·09 | — | | 10 |
| 11 | | | | 10 | | | | ·11 | ·03 | — | ·89 | — | | 11 |
| 12 | | | | ·30 | | | ·05 | ·05 | ·51 | — | ·25 | ·11 | | 12 |
| 13 | | | | ·12 | | ·25 | ·01 | | 1·78 | ·02 | ·01 | 1·00 | | 13 |
| 14 | | | | ·22 | | ·04 | ·03 | ·07 | ·13 | — | ·04 | ·41 | | 14 |
| 15 | ·05 | | | 02 | ·05 | ·22 | | | — | — | ·15 | ·09 | | 15 |
| 16 | ·01 | | | | | ·05 | ·05 | | ·01 | ·02 | ·50 | ·05 | | 16 |
| 17 | | ·50 | | ·05 | ·03 | | ·67 | | — | ·06 | ·09 | ·09 | | 17 |
| 18 | | ·10 | | | | | ·02 | ·12 | — | ·11 | ·01 | ·03 | | 18 |
| 19 | ·72 | ·10 | | | | | ·17 | ·03 | — | ·02 | - | ·07 | | 19 |
| 20 | ·06 | | | | | | ·64 | | — | — | - | — | | 20 |
| 21 | | ·43 | | | | | | | — | — | - | ·03 | | 21 |
| 22 | ·01 | ·10 | | | ·01 | 1·30 | | | — | — | - | — | | 22 |
| 23 | | ·07 | 02 | ·03 | ·19 | ·21 | ·93 | | — | — | - | — | | 23 |
| 24 | | ·14 | ·05 | | ·94 | | ·01 | | ·24 | ·12 | - | — | | 24 |
| 25 | | ·03 | ·02 | | | | | | ·54 | ·27 | - | — | | 25 |
| 26 | ·02 | ·08 | ·56 | | | | | | ·03 | ·54 | ·04 | — | | 26 |
| 27 | ·10 | | | | | | | | ·17 | ·31 | - | — | | 27 |
| 28 | ·20 | ·76 | ·30 | | | | ·03 | | — | ·05 | - | — | | 28 |
| 29 | ·24 | ·58 | | | ·66 | | ·01 | | — | — | - | — | | 29 |
| 30 | ·01 | × | | | ·04 | 66 | ·17 | | — | ·29 | ·01 | ·01 | | 30 |
| 31 | | × | ·13 | × | ·01 | × | ·15 | | × | — | × | ·11 | | 31 |
| TOTAL | 3·18 | 3·22 | 2·19 | ·88 | 1·98 | 4·00 | 3·54 | 1·73 | 4·46 | 1·94 | 2·78 | 2·45 | Year's Total. 32·35 | |
| * Days with .01 in. or more. | 18 | 13 | 12 | 8 | 10 | 11 | 18 | 10 | 14 | 14 | 17 | 16 | 161 | |
| * Days with .04 in. or more. | 13 | 12 | 8 | 6 | 6 | 11 | 11 | 8 | 11 | 9 | 14 | 12 11 | 120 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Rev E. E. Greaves

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Sep + Nov. estimated by surrounding stns. 2/38 CWR.

Copy by B.R.O.

4-00

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf. No record.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·12 | ·03 | ·09 | – | – | – | – | – | | – | | ·33 | | 1 |
| 2 | ·02 | ·11 | – | ·88 | – | ·03 | – | – | | – | | ·17 | | 2 |
| 3 | – | ·12 | ·03 | ·11 | ·13 | ·07 | 1·23 | – | | – | | ·19 | | 3 |
| 4 | ·18 | – | ·08 | ·22 | ·02 | – | ·04 | ·62 | | – | | ·06 | | 4 |
| 5 | ·13 | – | ·10 | ·11 | ·03 | – | ·06 | – | | – | | ·23 | | 5 |
| 6 | ·05 | – | ·07 | ·04 | ·20 | – | – | – | | – | | ·05 | | 6 |
| 7 | – | ·45 | ·06 | ·05 | ·15 | ·06 | – | – | | – | | ·16 | | 7 |
| 8 | – | ·27 | ·08 | ·02 | ·02 | ·08 | ·12 | – | | – | | ·20 | | 8 |
| 9 | – | ·05 | ·06 | ·12 | ·16 | – | ·34 | ·03 | | – | | ·06 | | 9 |
| 10 | – | ·13 | – | – | ·11 | ·05 | ·01 | – | | – | | ·33 | | 10 |
| 11 | – | – | 1·31 | ·09 | ·14 | – | – | – | | – | | ·25 | | 11 |
| 12 | ·35 | ·16 | 1·13 | ·31 | ·03 | ·19 | – | ·05 | | – | | ·34 | | 12 |
| 13 | – | ·01 | – | ·03 | ·06 | ·19 | – | ·06 | | – | | ·06 | | 13 |
| 14 | – | ·04 | ·02 | – | – | – | – | ·33 | | – | | ·33 | | 14 |
| 15 | ·18 | ·35 | – | ·13 | – | – | ·22 | ·08 | | – | | ·21 | | 15 |
| 16 | ·01 | ·15 | ·64 | ·42 | ·03 | ·21 | – | ·09 | | – | | ·27 | | 16 |
| 17 | ·20 | – | – | ·12 | – | – | – | – | | – | | – | | 17 |
| 18 | – | ·07 | ·02 | ·09 | – | ·17 | – | ·06 | | – | | – | | 18 |
| 19 | – | ·10 | ·01 | ·02 | – | ·12 | – | – | | – | | – | | 19 |
| 20 | ·36 | – | ·09 | ·13 | ·97 | ·03 | – | – | | – | | – | | 20 |
| 21 | ·06 | – | ·04 | ·01 | ·09 | – | ·26 | – | | ·02 | | ·06 | | 21 |
| 22 | ·03 | – | ·14 | ·04 | ·04 | – | – | – | | ·05 | | – | | 22 |
| 23 | ·33 | – | – | – | ·31 | – | ·24 | – | | ·62 | | – | | 23 |
| 24 | ·24 | ·10 | – | – | ·04 | – | ·03 | – | | ·26 | | – | | 24 |
| 25 | ·18 | ·57 | – | – | ·01 | – | – | ·13 | | ·26 | | – | | 25 |
| 26 | ·02 | ·17 | ·01 | – | ·38 | – | – | – | | – | | – | | 26 |
| 27 | – | ·66 | ·07 | ·10 | – | – | – | – | | ·38 | | ·02 | | 27 |
| 28 | – | ·02 | ·09 | – | – | – | – | – | | ·20 | | – | | 28 |
| 29 | ·30 | – | – | – | – | ·02 | – | – | | ·07 | | ·03 | | 29 |
| 30 | ·43 | × | – | – | – | – | – | – | | – | | ·03 | | 30 |
| 31 | ·67 | × | – | × | – | × | – | ·09 | × | ·20 | × | – | d | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·86 | 3·56 | 4·14 | 3·04 | 2·92 | 1·22 | 2·55 | 1·54 | (1·75) | 2·06 | (2·50) | 3·38 | (32·52) | ✓ |
| * Days with .01 in. or more. | 19 | 19 | 20 | 20 | 19 | 12 | 10 | 10 | (12) | 9 | (15) | 20 | (185) | ✓ |
| * Days with .04 in. or more. | 15 | 16 | 15 | 16 | 13 | 9 | 8 | 9 | (8) | 8 | (8) | 17 | (142) | ✓ |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .................................................................. [P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1938

Kept at Whorlton Vicarage
in the County of Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 400 ft.

Copy by B.R.O.

400

Sept days est'd from nearby stns.
L.S.B. 2/1/39

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·14 | | | | 1·47 | ·43 | — | ·02 | — | ·18 | ·13 | | 1 |
| 2 | ·09 | | | ·06 | | | — | — | ·01 | ·62 | ·24 | ·04 | | 2 |
| 3 | ·01 | | | | | | ·05 | — | ·01 | 1·25 | ·10 | — | | 3 |
| 4 | ·13 | | | | | | tr | — | — | ·34 | — | ·33 | | 4 |
| 5 | | | ·05 | | | | ·30 | ·38 | ·02 | ·08 | r | ·02 | | 5 |
| 6 | ·14 | | ·02 | | | ·13 | ·13 | — | TR | ·09 | — | TR | | 6 |
| 7 | ·05 | | | | | | ·76 | ·23 | ·30 | ·30 | — | — | | 7 |
| 8 | 22 | | | | | | ·09 | — | — | ·45 | — | ·24 | | 8 |
| 9 | ·06 | ·19 | | | ·10 | ·09 | ·01 | ·02 | — | ·02 | — | ·50 | | 9 |
| 10 | | | | | | ·07 | tr | — | — | ·10 | — | ·04 | | 10 |
| 11 | ·07 | | | | | ·04 | — | — | — | ·04 | ·10 | ·10 | | 11 |
| 12 | ·27 | ·01 | | | ·08 | | tr | ·05 | — | ·21 | ·18 | TR | | 12 |
| 13 | ·07 | ·13 | | | | | — | — | ·31 | ·04 | ·18 | ·17 | | 13 |
| 14 | ·50 | ·03 | | | 07 | | — | — | TR | — | — | ·05 | | 14 |
| 15 | ·24 | ·02 | | | | | ·19 | ·04 | ·01 | ·02 | — | ·55 | | 15 |
| 16 | ·28 | | | | 1·22 | | ·38 | ·06 | ·03 | — | ·01 | ·10 | | 16 |
| 17 | | | | | ·59 | | tr | — | ·03 | ·24 | — | ·02 | | 17 |
| 18 | ·06 | ·02 | | | | ·09 | — | — | ·06 | ·04 | ·28 | TR | | 18 |
| 19 | | | ·02 | | | | — | ·14 | x | — | ·05 | ·35 | | 19 |
| 20 | | | ·05 | | | | — | ·11 | x | — | ·04 | ·31 | | 20 |
| 21 | | | | ·01 | | | — | ·09 | — | — | ·07 | ·08 | | 21 |
| 22 | | ·02 | | | | ·08 | — | ·05 | ·33 — | — | ·10 | ·12 | | 22 |
| 23 | | | | | 08 | ·05 | — | — | x | — | ·40 | ·13 | | 23 |
| 24 | ·09 | | | | | | ·12 | ·31 | x | ·21 | ·04 | ·04 | | 24 |
| 25 | ·01 | | ·06 | | | | ·17 | ·03 | — | ·36 | ·28 | ·13 | | 25 |
| 26 | | ·27 | ·02 | | | ·05 | tr | — | ·05 | ·05 | — | TR | | 26 |
| 27 | | ·04 | | | 23 | ·15 | ·20 | ·21 | ·01 | ·04 | ·05 | — | | 27 |
| 28 | ·22 | ·01 | | | ·70 | ·34 | ·01 | ·07 | ·02 | — | — | ·06 | | 28 |
| 29 | ·02 | | | | ·55 | | — | ·01 | ·01 | — | ·22 | TR | | 29 |
| 30 | ·03 | ✕ | | | ·06 | | tr | ·25 | ·35 | — | ·40 | ·02 | | 30 |
| 31 | ·32 | ✕ | | ✕ | ·16 | ✕ | — | — | ✕ | ·06 | ✕ | ·76 | | 31 |
| TOTAL | 2·90 ✓ | ·88 ✓ | ·22 ✓ | ·07 | 3·84 ✓ | 2·56 | 2·84 ✓ | 2·05 | 1·57 | 4·56 | 2·92 | 4·29 | Year's Total<br>28·70 | ✓ |
| * Days with .01 in. or more. | 21 ✓ | 11 ✓ | 6 ✓ | 2 ✓ | 11 ✓ | 11 ✓ | 13 ✓ | 16 | 19 | 20 | 18 | 23 | 171 | ✓ |
| * Days with .04 in. or more. | 16 | 5 ✓ | 3 ✓ | 1 ✓ | 11 ✓ | 11 ✓ | 11 ✓ | 13 | 9 | 18 | 17 | 20 | 135 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) E. C. Lambert [P.T.O.

1.17

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3507

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 400 ft.

400

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·29 | — | ·13 | — | — | — | ·03 | — | ·02 | ·56 | ·01 | ·03 | | 1 |
| 2 | ·05 | — | — | ·02 | — | — | ·02 | ·82 | 1·28 | ·08 | ·03 | ·06 | | 2 |
| 3 | — | — | ·02 | ·14 | — | — | ·01 | ·19 | ·01 | ·03 | ·13 | ·08 | | 3 |
| 4 | ·10 | — | ·19 | ·09 | — | — | ·27 | — | ·05 | ·11 | ·10 | ·13 | | 4 |
| 5 | — | — | ·03 | — | ·07 | — | ·49 | ·30 | — | ·14 | ·46 | ·06 | | 5 |
| 6 | ·21 | — | tr | — | — | — | ·42 | — | — | ·02 | tr | — | | 6 |
| 7 | ·04 | ·02 | ·27 | — | — | — | — | — | — | ·02 | ·16 | ·05 | | 7 |
| 8 | ·21 | ·14 | ·15 | — | — | — | ·15 | — | — | tr | ·07 | ·33 | | 8 |
| 9 | ·33 | ·03 | — | — | — | — | ·16 | ·10 | — | 1·13 | ·05 | ·08 | | 9 |
| 10 | ·21 | — | ·02 | — | — | ·07 | — | ·05 | ·06 | ·02 | — | — | | 10 |
| 11 | ·33 | ·04 | ·15 | — | ·02 | ·24 | — | ·08 | — | ·14 | ·05 | tr | | 11 |
| 12 | — | ·10 | — | — | — | tr | — | — | tr | ·65 | — | ·02 | | 12 |
| 13 | ·03 | — | — | ·05 | ·08 | ·02 | ·01 | — | tr | ·23 | ·02 | — | | 13 |
| 14 | ·54 | — | ·03 | TR | ·17 | ·29 | ·92 | — | — | ·11 | ·29 | — | | 14 |
| 15 | ·30 | — | — | — | ·02 | ·25 | ·14 | — | — | ·02 | ·07 | ·03 | | 15 |
| 16 | ·08 | — | ·24 | — | ·34 | — | ·08 | — | — | — | tr | — | | 16 |
| 17 | ·29 | TR | ·05 | ·14 | ·01 | — | ·03 | — | — | — | — | — | | 17 |
| 18 | ·59 | ·01 | ·02 | — | — | ·03 | ·04 | — | tr | ·09 | ·59 | — | | 18 |
| 19 | ·11 | — | — | — | — | ·21 | ·14 | — | — | — | — | ·01 | | 19 |
| 20 | ·01 | — | — | — | — | ·04 | — | 2·74 | — | — | — | — | | 20 |
| 21 | ·16 | ·16 | ·03 | ·03 | — | — | — | ·13 | ·01 | — | — | — | | 21 |
| 22 | ·21 | ·46 | — | TR | — | — | — | — | — | — | ·01 | — | | 22 |
| 23 | ·01 | ·03 | — | ·02 | — | ·04 | tr | — | — | — | — | — | | 23 |
| 24 | — | TR | ·25 | ·08 | — | ·02 | — | ·07 | — | — | — | — | | 24 |
| 25 | ·35 | ·03 | ·05 | ·03 | — | ·08 | — | ·23 | — | — | ·28 | ·05 | | 25 |
| 26 | ·05 | ·09 | ·01 | — | — | ·02 | — | ·20 | — | ·41 | ·14 | — | | 26 |
| 27 | ·09 | ·28 | ·60 | ·02 | — | ·19 | ·05 | ·29 | — | ·28 | ·16 | — | | 27 |
| 28 | ·22 | ·16 | ·49 | ·09 | — | ·07 | ·06 | ·02 | — | ·08 | ·19 | — | | 28 |
| 29 | ·01 | | ·02 | — | — | ·06 | ·30 | — | — | ·80 | ·03 | — | | 29 |
| 30 | ·08 | ✕ | — | — | — | ·06 | ·04 | ·04 | — | ·07 | ·20 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | ·05 | tr | ✕ | ·08 | ✕ | — | | 31 |
| TOTAL | 4·85 | 1·55 | 2·75 | ·71 | ·71 | 1·69 | 3·41 | 5·26 | 1·43 | 5·07 | 3·04 | ·93 | Year's Total 31.40 | ✓ |
| * Days with .01 in. or more. | 26 | 13 | 19 | 11 | 7 | 16 | 20 | 14 | 6 | 21 | 20 | 12 | 185 | ✓ |
| * Days with .04 in. or more. | 21 | 8 | 11 | 6 | 4 | 12 | 15 | 13 | 3 | 16 | 15 | 8 | 132 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3507 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

4·00

*Kept at* Whorlton Vicarage

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 400 ft.

BRITISH RAINFALL ORGANIZATION

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

Jan. 1, following

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·01 | – | ·05 | ·05 | – | tr | – | – | – | ·03 | ·04 | | 1 |
| 2 | – | – | – | ·13 | – | – | – | – | – | – | ·33 | ·01 | | 2 |
| 3 | – | ·34 | – | ·04 | – | – | ·02 | – | – | ·05 | – | ·01 | | 3 |
| 4 | – | ·19 | – | – | – | – | ·16 | – | – | 04 | ·10 | ·05 | | 4 |
| 5 | – | ·01 | – | tr | ·09 | – | tr | – | – | ·01 | ·03 | ·42 | | 5 |
| 6 | ·03 | ·05 | – | – | – | – | – | – | – | ·70 | ·07 | ·08 | | 6 |
| 7 | – | ·38 | – | – | ·11 | – | – | ·03 | ·01 | ·05 | – | ·01 | | 7 |
| 8 | ·02 | – | – | – | – | – | – | tr | – | ·26 | – | ·02 | | 8 |
| 9 | – | tr | ·09 | – | – | – | ·25 | ·01 | ·01 | ·13 | ·46 | ·03 | | 9 |
| 10 | – | – | ·04 | – | – | – | ·72 | tr | – | – | ·17 | tr | | 10 |
| 11 | – | ·03 | ·09 ✓ | – | – | – | ·96 | – | ·01 | – | ·33 | – | | 11 |
| 12 | – | ·01 | ·71 | – | – | – | – | tr | ·12 | – | – | – | | 12 |
| 13 | – | ·07 | ·10 | – | – | – | tr | – | ·09 | – | ·03 | – | | 13 |
| 14 | – | ·13 | ·02 | 16 | – | – | ·33 | – | ·05 | ·03 | – | ·22 | | 14 |
| 15 | ·04 | – | ·02 | tr | ·24 | – | – | – | – | – | ·16 | ·02 | | 15 |
| 16 | ·09 | – | – | – | – | tr | ·16 | – | ·43 | ·47 | ·03 | – | | 16 |
| 17 | – | – | ·25 | – | – | – | ·90 | – | ·13 | ·01 | ·50 | – | | 17 |
| 18 | – | ·10 | ·12 | ·28 | – | – | ·01 | ·02 | ·11 | – | ·34 | ·03 | | 18 |
| 19 | – | ·12 | ·08 | ·03 | – | – | ·11 | – | ·06 | ·01 | ·35 | ·02 | | 19 |
| 20 | . | – | ·02 | ·19 | – | – | ·20 | ·12 | ·02 | ·08 | ·09 | – | | 20 |
| 21 | ·12 | – | ·01 | ·03 | – | ·15 | tr | – | – | ·07 | ·26 | – | | 21 |
| 22 | – | tr | ·03 | tr | ·06 | ·06 | – | – | ·07 | ·26 | – | – | | 22 |
| 23 | – | ·02 | ·01 | ·19 | – | – | ·05 | ·01 | ·01 | ·02 | ·01 | – | | 23 |
| 24 | ·09 | ·05 | – | ·08 | – | – | – | – | – | ·08 | ·02 | ·08 | | 24 |
| 25 | ·04 | – | – | – | ·01 | ·03 | – | – | – | ·05 | – | tr | | 25 |
| 1·40 26 | ·42 | ·06 | ·01 | – | ·17 | – | ·14 | ·11 | – | – | – | – | | 26 |
| 27 | ·50 | ·16 | tr | ·16 | – | – | ·01 | – | – | ·02 | tr | – | | 27 |
| 28 | ·08 | ·41 | – | ·01 | ·23 | – | – | – | – | – | – | – | | 28 |
| 29 | – | – | ·22 | ·01 | ·14 | – | tr | – | – | – | – | ·11 | | 29 |
| 30 | ·08 | × | – | ·01 | TR | – | – | – | – | ·74 | – | ·51 | | 30 |
| 31 | ·28 | × | ·11 | × | – | × | – | – | × | ·20 | × | ·30 | | 31 |
| TOTAL | 1·79 | 2·14 | 1·93 | 1·37 | 1·10 | ·24 | 4·02 | ·30 | 1·12 | 3·28 | 3·31 | 1·96 | Year's Total<br>22·56 | |
| * Days with .01 in. or more. | 12 | 17 | 17 | 14 | 9 | 3 | 14 | 6 | 13 | 20 | 18 | 17 | 160 | |
| * Days with .04 in. or more. | 10 | 12 | 10 | 9 | 8 | 2 | 11 | 2 | 8 | 14 | 12 | 9 | 107 | |

† Spare column, no entries required

(*Signed*) C. C. Lambert

[P.T.O.

* See Instruction 3 (f) on other side.

Statio

Section **A** for the entry of D

AIR MINISTRY.-

FORM 1090.

# REGIST

Kept at Carlbury Hall . Pier

in the County of Durham

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground...

„ Ground „ Sea Leve

**THE MORNING MEASURE**

*An observer who does not conform to thi*
*year in the space on the right of this*

Pl

3508

PIERCEBRIDGE, CARLBURY HALL

1931 — 36

280701

3508

Y FOR OFFICIAL USE.

RGANIZATION.

ing

Jan. 1, following

| Date | Jan. | Feb. | March | Ap | | | | | | | ov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 01 | Tr | ·09 | Tr | — | Tr | — | — | ·16 | ·01 | — | Tr | 1 |
| 2 | — | ·06 | Tr | ·53 | — | ·61 | — | — | ·67 | ·01 | ·01 | ·34 | 2 |
| 3 | — | Tr | Tr | ·05 | — | ·08 | 08 | — | ·67 | — | ·37 | ·09 | 3 |
| 4 | 01 | ·11 | — | ·10 | — | Tr | 06 | — | ·51 | — | ·01 | ·07 | 4 |
| 5 | — | ·03 | — | — | ·07 | ·60 | ·37 | 04 | ·03 | — | — | ·24 | 5 |
| 6 | — | ·09 | ·05 | — | — | ·24 | ·44 | 08 | Tr | ·03 | Tr | Tr | 6 |
| 7 | — ~~04~~ | Tr | 03 | — | ·01 | ·17 | — | ·24 | — | 01 | ·13 | Tr | 7 |
| 8 | 01 | ·01 | ·14 | ·03 | ·07 | ·01 | ·52 | 01 | — | Tr | ·13 | — | 8 |
| 9 | 01 | ·08 | ·24 | ·06 | ·11 | ·11 | ·06 | ·16 | — | — | ·25 | — | 9 |
| 10 | Tr | ·02 | ·15 | — | 05 | ·26 | Tr | — | — | — | ·12 | — | 10 |
| 11 | ·05 | ·32 | — | ·03 | — | ·05 | ·14 | — | ·02 | — | — | — | 11 |
| 12 | ·10 | Tr | — | — | — | ·03 | ·36 | ·23 | — | ·07 | — | — | 12 |
| 13 | ·01 | — | ·08 | — | ·02 | ·04 | — | ·08 | — | — | Tr | — | 13 |
| 14 | ·02 | ·06 | ·06 | — | Tr | ·57 | ·51 | ·65 | — | — | ·14 | ·03 | 14 |
| 15 | Tr | ·04 | — | ·24 | ·11 | ·01 | ·10 | ·20 | — | — | ·07 | — | 15 |
| 16 | ·03 | ·10 | — | ·10 | — | — | ·03 | ·37 | ·28 | — | ·01 | — | 16 |
| 17 | Tr | ·14 | — | ·34 | — | ·03 | ·08 | ·14 | ·02 | Tr | ·03 | — | 17 |
| 18 | ·09 | ·05 | — | ·38 | — | ·36 | ·01 | Tr | ·04 | — | ·33 | — | 18 |
| 19 | ·02 | Tr | — | ·06 | — | ·04 | ·14 | ·93 | ·09 | ·03 | — | — | 19 |
| 20 | Tr | Tr | Tr | ·07 | — | ·01 | Tr | ·02 | ·02 | — | 04 | ·02 | 20 |
| 21 | ·01 | Tr | — | ·02 | 06 | — | — | ·02 | — | — | — | Tr | 21 |
| 22 | ·12 | ·01 | — | ·05 | ·36 | ·04 | ·01 | — | — | — | Tr | — | 22 |
| 23 | ·30 | Tr | — | ·04 | ·21 | ·23 | ·01 | — | — | ·08 | ·18 | Tr | 23 |
| 24 | ·07 | Tr | — | ·24 | ·45 | Tr | ·09 | — | — | ·07 | ·01 | — | 24 |
| 25 | ·02 | — | — | ·04 | ·02 | — | ·05 | — | — | — | ·01 | — | 25 |
| 26 | ·01 | — | — | ·09 | — | — | ·02 | — | — | — | ·43 | Tr | 26 |
| 27 | ·04 | ·01 | — | ·11 | — | — | Tr | — | — | ·03 | ·15 | 01 | 27 |
| 28 | ·19 | Tr | ·01 | ·12 | ·36 | — | Tr | — | ·08 | — | — | 06 | 28 |
| 29 | ·34 | × | ·05 | — | ·08 | — | ·21 | — | — | ·41 | 02 | ·21 | 29 |
| 30 | ·09 | × | Tr | — | ·64 | ·02 | Tr | — | — | Tr | — | — | 30 |
| 31 | ·27 | × | — | × | ·01 | × | ·01 | — | × | Tr | × | ·01 | 31 |
| TOTAL | 1·82 | 1·13 | ·90 | 2·70 | 2·63 | 3·51 | 3·30 | 3·17 | 2·59 | ·75 | 2·44 | 1·08 | YEAR'S TOTAL 26·02 |
| *Days with ·01 in. or more. | 22 | 15 | 10 | 20 | 16 | 20 | 21 | 14 | 12 | 10 | 19 | 10 | 189 |
| *Days with ·04 in. or more. | 10 | 10 | 8 | 17 | 12 | 14 | 15 | 11 | 8 | 4 | 12 | 6 | 127 |

40-9999

(Signed) John H Pease

P.T.O.

*See Instruction 2 (*f*) on other side

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Stati 663793/2-6 3508

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Carlbury Hall . Piercebridge

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 222 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 01 | Tr | ·09 | Tr | — | Tr | — | — | ·16 | ·01 | — | Tr | 1 |
| 2 | — | ·06 | Tr | ·53 | — | ·61 | — | — | ·67 | ·01 | ·01 | ·34 | 2 |
| 3 | — | Tr | Tr | ·05 | — | ·08 | 08 | — | ·67 | — | ·37 | ·09 | 3 |
| 4 | 01 | ·11 | — | ·10 | — | Tr | 06 | — | ·51 | — | ·01 | ·07 | 4 |
| 5 | — | ·03 | — | — | ·07 | ·60 | ·37 | 04 | ·03 | — | — | ·24 | 5 |
| 6 | — | ·09 | ·05 | — | — | ·24 | ·44 | 08 | Tr | ·03 | Tr | Tr | 6 |
| 7 | — ~~01~~ | Tr | 03 | — | ·01 | ·17 | — | ·24 | — | 01 | ·13 | Tr | 7 |
| 8 | 01 | ·01 | ·14 | ·03 | ·07 | ·01 | ·52 | 01 | — | Tr | ·13 | — | 8 |
| 9 | 01 | ·08 | ·24 | ·06 | ·11 | ·11 | ·06 | ·16 | — | — | ·25 | — | 9 |
| 10 | Tr | ·02 | ·15 | — | 05 | ·26 | Tr | — | — | — | ·12 | — | 10 |
| 11 | ·05 | ·32 | — | ·03 | — | ·05 | ·14 | — | ·02 | — | — | — | 11 |
| 12 | ·10 | Tr | — | — | — | ·03 | ·36 | ·23 | — | ·07 | — | — | 12 |
| 13 | ·01 | — | ·08 | — | ·02 | ·04 | — | ·08 | — | — | Tr | — | 13 |
| 14 | ·02 | ·06 | ·06 | — | Tr | ·57 | ·51 | ·65 | — | — | ·14 | ·03 | 14 |
| 15 | Tr | ·04 | — | ·24 | ·11 | ·01 | ·10 | ·20 | — | — | ·07 | — | 15 |
| 16 | ·03 | ·10 | — | ·10 | — | — | ·03 | ·37 | ·28 | — | ·01 | — | 16 |
| 17 | Tr | ·14 | — | ·34 | — | ·03 | ·08 | ·14 | ·02 | Tr | ·03 | — | 17 |
| 18 | ·09 | ·05 | — | ·38 | — | ·36 | ·01 | Tr | ·04 | — | ·33 | — | 18 |
| 19 | ·02 | Tr | — | ·06 | — | ·04 | ·14 | ·93 | ·09 | ·03 | — | — | 19 |
| 20 | Tr | Tr | Tr | ·07 | — | ·01 | Tr | ·02 | ·02 | — | 04 | ·02 | 20 |
| 21 | ·01 | Tr | — | ·02 | 06 | — | — | ·02 | — | — | — | Tr | 21 |
| 22 | ·12 | ·01 | — | ·05 | ·36 | ·04 | ·01 | — | — | — | Tr | — | 22 |
| 23 | ·30 | Tr | — | ·04 | ·21 | ·23 | ·01 | — | — | ·08 | ·18 | Tr | 23 |
| 24 | ·07 | Tr | — | ·24 | ·45 | Tr | ·09 | — | — | ·07 | ·01 | — | 24 |
| 25 | ·02 | — | — | ·04 | ·02 | — | ·05 | — | — | — | ·01 | — | 25 |
| 26 | ·01 | — | — | ·09 | — | — | ·02 | — | — | — | ·43 | Tr | 26 |
| 27 | ·04 | ·01 | — | ·11 | — | — | Tr | — | — | ·03 | ·15 | 01 | 27 |
| 28 | ·19 | Tr | ·01 | ·12 | ·36 | — | Tr | — | ·08 | — | — | 06 | 28 |
| 29 | ·34 | X | ·05 | — | ·08 | — | ·21 | — | — | ·41 | 02 | ·21 | 29 |
| 30 | ·09 | X | Tr | — | ·64 | ·02 | Tr | — | — | Tr | — | — | 30 |
| 31 | ·27 | X | — | X | ·01 | X | ·01 | — | X | Tr | X | ·01 | 31 |
| TOTAL | 1·82 | 1·13 | ·90 | 2·70 | 2·63 | 3·51 | 3·30 | 3·17 | 2·59 | ·75 | 2·44 | 1·08 | YEAR'S TOTAL<br>26·02 |
| *Days with ·01 in. or more. | 22 | 15 | 10 | 20 | 16 | 20 | 21 | 14 | 12 | 10 | 19 | 10 | 189 |
| *Days with ·04 in. or more. | 10 | 10 | 8 | 17 | 12 | 14 | 15 | 11 | 8 | 4 | 12 | 6 | 127 |

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*See Instruction 2 (*f*) on other side

M

(*Signed*) John H Pease

P.T.O.

3508

## COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No** 3508

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* CARLBURY HALL, PIERCEBRIDGE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 222 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | Tr | – | – | .10 | .25 | – | – | .01 | .30 | .03 | – | .04 | 1 |
| 2 | Tr | Tr | – | Tr | .54 | – | .04 | – | .26 | .05 | .03 | .10 | 2 |
| 3 | .01 | – | – | .07 | – | – | .03 | – | .02 | .01 | Tr | .06 | 3 |
| 4 | .01 | Tr | – | .02 | .15 | – | .24 | .01 | .01 | – | – | Tr | 4 |
| 5 | .13 | – | .03 | – | .05 | – | .01 | – | .07 | – | – | .01 | 5 |
| 6 | .22 | – | .02 | .06 | – | – | – | – | .01 | – | – | .04 | 6 |
| 7 | Tr | – | .10 | .04 | .04 | Tr | .11 | – | .16 | .19 | – | Tr | 7 |
| 8 | – | .02 | Tr | .03 | .03 | – | – | – | .04 | .41 | .05 | – | 8 |
| 9 | .27 | .11 | .01 | .06 | – | – | – | – | – | .14 | .03 | .09 | 9 |
| 10 | .38 | .08 | .03 | .07 | – | – | – | .03 | .17 | .56 | Tr | .10 | 10 |
| 11 | .03 | .16 | .01 | .04 | .31 | .05 | .65 | – | – | Tr | Tr | Tr | 11 |
| 12 | .22 | Tr | .03 | Tr | .10 | – | .01 | .04 | – | .05 | .06 | – | 12 |
| 13 | .02 | .08 | – | .10 | .01 | – | – | .01 | .64 | Tr | .01 | .06 | 13 |
| 14 | .15 | .01 | – | Tr | – | – | .01 | – | – | – | .03 | Tr | 14 |
| 15 | .02 | – | – | .01 | .05 | – | Tr | – | – | .01 | .05 | .03 | 15 |
| 16 | .18 | – | Tr | – | – | – | .01 | – | – | – | .03 | .04 | 16 |
| 17 | Tr | – | – | .01 | – | – | .05 | – | .01 | .06 | .01 | Tr | 17 |
| 18 | – | – | – | – | .04 | Tr | – | – | – | – | .01 | – | 18 |
| 19 | – | .01 | – | .06 | .07 | Tr | Tr | – | .08 | .16 | Tr | – | 19 |
| 20 | – | – | .05 | .08 | .13 | – | Tr | .46 | – | .15 | – | .01 | 20 |
| 21 | – | – | .37 | .23 | 1.17 | – | .03 | .62 | – | .55 | Tr | .01 | 21 |
| 22 | Tr | – | .33 | .09 | .01 | Tr | .14 | – | – | .05 | .12 | .01 | 22 |
| 23 | – | .05 | Tr | .04 | .01 | – | .12 | – | – | .01 | .12 | .01 | 23 |
| 24 | – | .01 | – | Tr | – | – | .20 | – | .07 | – | Tr | – | 24 |
| 25 | – | .02 | – | .14 | .05 | – | – | .01 | .03 | .17 | Tr | – | 25 |
| 26 | – | .01 | – | Tr | .12 | – | .24 | – | .11 | .06 | .04 | – | 26 |
| 27 | – | – | .35 | .05 | .06 | 1.08 | .27 | – | – | .12 | .02 | .01 | 27 |
| 28 | Tr | – | .01 | .22 | .25 | .09 | .14 | .02 | – | .03 | Tr | – | 28 |
| 29 | Tr | – | .33 | .04 | .01 | .04 | .34 | .62 | .07 | .18 | .16 | .08 | 29 |
| 30 | Tr | × | .01 | – | – | .36 | Tr | – | .21 | .13 | .16 | .09 | 30 |
| 31 | Tr | × | .01 | × | – | × | .19 | .09 | × | Tr | × | .01 | 31 |
| Total | 1.64 | .55 | 1.69 | 1.56 | 3.45 | 1.62 | 2.83 | 1.92 | 2.26 | 3.12 | .93 | .80 | Year's Total 22.37 |
| *Days with ·01 in. or more. | 12 | 11 | 15 | 21 | 21 | 5 | 19 | 11 | 17 | 21 | 16 | 18 | 187 |
| *Days with .04 in. or more. | 7 | 5 | 6 | 17 | 16 | 5 | 13 | 5 | 12 | 16 | 8 | 10 | 120 |

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*See Instruction 2 (*f*) on other side.

(Signed) John H Pease

P.T.O.

3508

**COPY FOR OFFICIAL USE.**

Section **A** for the entry of Daily Observations. Station No. 3508

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* CARLBURY HALL, PIERCEBRIDGE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 222 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .06 | .02 | .10 | — | Tr | — | — | .01 | — | — | .10 | .01 | | 1 |
| 2 | .08 | Tr | .16 | — | — | — | — | — | — | — | .52 | .01 | | 2 |
| 3 | .02 | .05 | .28 | — | .42 | — | — | — | — | — | .45 | Tr | | 3 |
| 4 | .23 | .04 | .03 | — | .04 | — | — | — | — | — | Tr | — | | 4 |
| 5 | .11 | Tr | .06 | — | .26 | — | — | — | — | — | — | — | | 5 |
| 6 | Tr | 02 | — | — | .44 | — | — | — | — | — | Tr | .06 | | 6 |
| 7 | Tr | .13 | — | — | .01 | — | .02 | — | .01 | .29 | — | Tr | | 7 |
| 8 | .01 | Tr | .04 | .01 | .02 | Tr | .07 | — | — | Tr | — | .12 | | 8 |
| 9 | — | .37 | Tr | — | .03 | Tr | .07 | -- | — | .14 | .05 | .02 | | 9 |
| 10 | Tr | .02 | Tr | — | Tr | .10 | .24 | — | — | .37 | .02 | .02 | | 10 |
| 11 | Tr | Tr | — | — | .07 | Tr | — | — | — | .06 | — | Tr | | 11 |
| 12 | .02 | — | — | — | .01 | .23 | .02 | — | .01 | Tr | — | .09 | | 12 |
| 13 | — | — | Tr | — | .10 | — | .12 | .16 | — | Tr | .09 | Tr | | 13 |
| 14 | .18 | — | — | — | Tr | — | .02 | .03 | — | — | .49 | .02 | | 14 |
| 15 | .26 | — | .01 | — | Tr | — | .25 | — | — | .25 | .45 | .13 | | 15 |
| 16 | .28 | — | .07 | .06 | .20 | .07 | .10 | — | — | .01 | .37 | .01 | | 16 |
| 17 | .14 | .04 | .11 | .03 | .01 | .08 | — | .01 | — | Tr | .28 | — | | 17 |
| 18 | — | .32 | .03 | .07 | Tr | .93 | — | — | — | — | .11 | .04 | | 18 |
| 19 | Tr | Tr | .98 | .05 | — | .06 | .24 | — | .02 | — | .03 | .02 | | 19 |
| 20 | — | .01 | — | .02 | Tr | .03 | — | — | .18 | .08 | .02 | — | | 20 |
| 21 | — | .01 | — | Tr | — | .03 | — | .02 | .17 | .03 | .03 | Tr | | 21 |
| 22 | — | .03 | — | — | — | .02 | — | — | .01 | .65 | Tr | .01 | | 22 |
| 23 | Tr | .16 | — | Tr | .10 | .16 | — | .04 | .12 | .01 | .01 | — | | 23 |
| 24 | Tr | .15 | — | .23 | .24 | .21 | .01 | — | .15 | .02 | .01 | .20 | | 24 |
| 25 | Tr | 1.08 | — | .25 | .01 | .01 | — | .03 | .28 | .14 | Tr | .01 | | 25 |
| 26 | — | .93 | — | .07 | .06 | — | — | — | — | .01 | .02 | .17 | | 26 |
| 27 | Tr | .17 | — | — | .02 | — | .19 | — | — | .24 | .04 | Tr | | 27 |
| 28 | — | .01 | — | .01 | .01 | — | .02 | .12 | .01 | .25 | .01 | .06 | | 28 |
| 29 | Tr | XXXXX | — | .22 | — | — | .78 | — | — | .18 | — | .10 | | 29 |
| 30 | .03 | X | Tr | .24 | — | Tr | .05 | — | .04 | .03 | — | .04 | | 30 |
| 31 | .05 | X | .01 | X | — | X | — | — | X | — | X | .01 | | 31 |
| TOTAL | 1.47 | 3.56 | 1.88 | 1.26 | 2.05 | 1.93 | 2.20 | .42 | 1.00 | 2.76 | 3.10 | 1.15 | Year's Total 22.78 | |
| *Days with ·01 in. or more. | 13 | 18 | 12 | 12 | 18 | 12 | 15 | 8 | 11 | 17 | 19 | 20 | 175 | |
| *Days with .04 in. or more. | 9 | 11 | 8 | 8 | 10 | 8 | 10 | 3 | 6 | 11 | 11 | 10 | 105 | |

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) John H Pease

[P.T.O.

3508

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. ~~3508~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* CARLBURY HALL, PIERCEBRIDGE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 222 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .11 | Tr | Tr | — | — | — | Tr | .11 | — | Tr | — | .14 | | 1 |
| 2 | Tr | .01 | .01 | Tr | — | — | — | .30 | .10 | — | .08 | .52 | | 2 |
| 3 | Tr | .01 | — | Tr | — | — | — | — | — | .11 | .09 | .09 | | 3 |
| 4 | .02 | — | .01 | .10 | .01 | — | — | — | .05 | .09 | .01 | .63 | | 4 |
| 5 | Tr | — | .05 | .11 | .14 | — | — | .22 | .03 | .01 | .21 | .41 | | 5 |
| 6 | Tr | — | Tr | Tr | .43 | Tr | — | .47 | .01 | .08 | Tr | .46 | | 6 |
| 7 | .02 | .02 | .01 | Tr | .03 | .13 | — | — | — | — | — | .27 | | 7 |
| 8 | Tr | — | Tr | — | .11 | .73 | — | .02 | .01 | .01 | — | .12 | | 8 |
| 9 | Tr | — | .01 | .35 | Tr | Tr | — | .01 | .05 | .03 | .71 | .02 | | 9 |
| 10 | .02 | — | .26 | .07 | — | — | — | .18 | — | Tr | .28 | Tr | | 10 |
| 11 | .13 | — | .37 | .62 | — | — | — | — | — | — | .02 | .09 | | 11 |
| 12 | .01 | — | .42 | .26 | Tr | — | .09 | .14 | — | — | .03 | .12 | | 12 |
| 13 | .43 | — | .04 | .07 | Tr | — | .46 | .01 | .01 | — | .03 | Tr | | 13 |
| 14 | .10 | — | .24 | Tr | .02 | .04 | .14 | — | — | .08 | .06 | .15 | | 14 |
| 15 | .01 | — | .03 | — | .06 | Tr | — | .02 | .01 | .42 | .11 | .11 | | 15 |
| 16 | .16 | — | .11 | — | .03 | .19 | — | — | — | Tr | .09 | .01 | | 16 |
| 17 | .07 | — | .04 | Tr | .01 | — | .23 | — | .14 | .06 | Tr | .19 | | 17 |
| 18 | .09 | — | Tr | .03 | .25 | .09 | Tr | .02 | — | — | — | .05 | | 18 |
| 19 | — | — | .09 | .53 | .01 | .02 | Tr | .02 | .01 | — | — | Tr | | 19 |
| 20 | Tr | — | .03 | Tr | — | .11 | — | .05 | .04 | Tr | — | — | | 20 |
| 21 | Tr | — | Tr | — | — | .49 | — | .04 | .23 | .05 | Tr | — | | 21 |
| 22 | — | — | — | — | — | .06 | .01 | .15 | .08 | .08 | — | .04 | | 22 |
| 23 | — | — | .04 | .03 | — | — | .11 | — | — | .18 | .02 | .05 | | 23 |
| 24 | — | — | .01 | .12 | .06 | .07 | .01 | — | .12 | .40 | Tr | .04 | | 24 |
| 25 | .02 | Tr | — | .23 | .01 | Tr | .01 | — | .18 | .29 | — | .65 | | 25 |
| 26 | .12 | Tr | — | .39 | — | .03 | .01 | — | .01 | .05 | — | .03 | | 26 |
| 27 | Tr | .21 | — | .12 | — | .09 | — | — | — | .24 | — | .26 | | 27 |
| 28 | — | — | .01 | .26 | — | .07 | Tr | .16 | — | .01 | — | .42 | | 28 |
| 29 | — | XXX | .02 | Tr | — | — | .05 | .09 | .51 | .09 | — | .07 | | 29 |
| 30 | .09 | X | .02 | — | — | — | .10 | — | .02 | .53 | — | .05 | | 30 |
| 31 | .03 | X | — | X | Tr | X | Tr | .07 | X | Tr | X | Tr | | 31 |
| TOTAL | 1.43 | .25 | 1.82 | 3.29 | 1.17 | 2.12 | 1.22 | 2.08 | 1.61 | 2.81 | 1.74 | 4.99 | Year's Total<br>24.53 | |
| *Days with ·01 in. or more. | 16 | 4 | 20 | 15 | 13 | 13 | 11 | 18 | 18 | 19 | 13 | 25 | 185 | |
| *Days with ·04 in. or more. | 9 | 1 | 10 | 13 | 6 | 11 | 6 | 12 | 10 | 15 | 8 | 22 | 123 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) John H Pease

[P.T.O.

COPY FOR OFFICIAL USE. /

Section **A** for the entry of Daily Observations. Station No. 3,508

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* CARLBURY HALL, PIERCEBRIDGE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 222 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .71 | — | .04 | ..01 | — | — | .04 | — ~~.96~~ | .96 | .10 | .03 | .10 | | 1 |
| 2 | Tr | — | Tr | — | — | .04 | — | — | — | .64 | .01 | — | | 2 |
| 3 | Tr | .41 | .09 | .12 | — | .12 | — | — ~~.07~~ | .07 | Tr | .27 | — | | 3 |
| 4 | — | — | Tr | — | — | .37 | .01 | — ~~.01~~ | .01 | .83 | .05 | — | | 4 |
| 5 | .08 | .36 | — | — | — | .69 | — | — ~~.21~~ | .21 | .25 | .01 | — | | 5 |
| 6 | .18 | .03 | — | — | — | .15 | — | — | — | .06 | — | Tr | | 6 |
| 7 | .13 | .01 | — | .04 | — | .19 | — | — ~~.03~~ | — | .03 | .17 | .04 | | 7 |
| 8 | — | — | — | .15 | .01 | .07 | — | .03 | — | .01 | .03 | .04 | | 8 |
| 9 | .01 | — | — | .23 | Tr | .13 | — | — | — | .40 | .20 | .03 | | 9 |
| 10 | — | .03 | — | .03 | — | .06 | — | — | — | .11 | .41 | — | | 10 |
| 11 | .15 | — | Tr | .01 | — | .05 | — | .27 | — | .04 | .06 | .05 | | 11 |
| 12 | Tr | — | — | — | — | .02 | — | — | — | Tr | — | Tr | | 12 |
| 13 | .11 | .01 | — | .04 | .16 | — | .07 | — ~~.14~~ | .14 | — | Tr | — | | 13 |
| 14 | Tr | — | .02 | Tr | .12 | .03 | .20 | — ~~.01~~ | .01 | — | .48 | .16 | | 14 |
| 15 | Tr | .07 | — | .48 | .17 | .04 | — | — ~~.23~~ | .23 | .01 | .13 | .04 | | 15 |
| 16 | Tr | .26 | .08 | .11 | .18 | .02 | — | .04 ~~.30~~ | .30 | — | .47 | .01 | | 16 |
| 17 | Tr | — | Tr | .04 | .01 | .22 | — | .25 ~~.05~~ | .05 | .01 | 1.09 | Tr | | 17 |
| 18 | .01 | — | — | .01 | Tr | .02 | .08 | .39 ~~.05~~ | .05 | .15 | .14 | — | | 18 |
| 19 | Tr | .03 | — | .05 | — | .24 | .10 | — | — | .10 | .14 | — | | 19 |
| 20 | Tr | .11 | — | .14 | — | .09 | .02 | — | — | — | .09 | — | | 20 |
| 21 | — | .17 | — | .17 | — | Tr | — | — ~~1.67~~ | 1.67 | .04 | .15 | — | | 21 |
| 22 | — | .15 | .12 | .01 | — | — | — | — | — | Tr | .01 | — | | 22 |
| 23 | — | — | .03 | — | — | — | .01 | .37 | — | .11 | — | — | | 23 |
| 24 | .06 | .73 | .06 | Tr | — | — | .01 | — ~~1.11~~ | 1.11 | .01 | — | .27 | | 24 |
| 25 | .09 | .06 | — | — | — | .11 | — | — | — | Tr | Tr | .19 | | 25 |
| 26 | .22 | — | — | — | — | .02 | .16 | .95 ~~.37~~ | .37 | .01 | .01 | .13 | | 26 |
| 27 | .05 | .15 | — | — | — | — | .01 | — ~~.23~~ | .23 | .03 | .03 | .10 | | 27 |
| 28 | .01 | .05 | — | — | — | — | — | .21 ~~.02~~ | .02 | .28 | .02 | Tr | | 28 |
| 29 | — | XXX | .07 | — | — | .02 | — | .18 ~~.03~~ | .03 | .10 | .07 | .08 | | 29 |
| 30 | Tr | X | .02 | — | — | .27 | — | .09 ~~.68~~ | .68 | .28 | .32 | Tr | | 30 |
| 31 | — | X | — | X | — | X | — | — | X | .02 | X | .30 | | 31 |
| TOTAL | 1.81 | 2.63 | .53 | 1.64 | .65 | 2.97 | .71 | 2.78 | 6.14 | 3.62 | 4.39 | 1.48 | Year's Total. 29.35 | |
| * Days with .01 in. or more. | 13 | 16 | 9 | 16 | 6 | 22 | 11 | 10 | 17 | 23 | 24 | 14 | 181 | |
| * Days with .04 in. or more. | 10 | 11 | 6 | 11 | 4 | 15 | 6 | 9 | 13 | 15 | 16 | 12 | 128 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) John H Pearce

[P.T.O.

## COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3508

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1936

*Kept at* CARLBURY HALL. PIERCEBRIDGE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 222 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .19 | .06 | .42 | .04 | - | .16 | .01 | .29 | .08 | - | .02 | .02 | | 1 |
| 2 | tr | tr | .03 | - | - | .37 | .04 | .02 | tr | - | - | .05 | | 2 |
| 3 | - | .04 | - | - | - | 1.04 | - | tr | .24 | - | - | tr | | 3 |
| 4 | .12 | tr | - | - | - | .05 | - | .09 | .19 | - | .03 | .13 | | 4 |
| 5 | .07 | - | .02 | - | tr | .03 | - | .33 | .01 | tr | .01 | .03 | | 5 |
| 6 | .04 | - | - | - | .01 | - | .03 | .72 | .37 | .01 | .26 | - | | 6 |
| 7 | .08 | - | .03 | - | - | - | .41 | tr | tr | - | .13 | tr | | 7 |
| 8 | .09 | - | .26 | - | - | - | - | - | - | .01 | .03 | - | | 8 |
| 9 | .82 | - | .24 | - | .04 | .04 | 1.41 | .05 | tr | .11 | .07 | - | | 9 |
| 10 | .03 | - | .01 | - | - | - | .23 | - | .01 | tr | .02 | tr | | 10 |
| 11 | - | - | - | .17 | - | .01 | tr | .07 | .02 | - | .88 | - | | 11 |
| 12 | - | - | - | .35 | .06 | .28 | .09 | .15 | .24 | - | .24 | .09 | | 12 |
| 13 | - | - | - | .09 | tr | .06 | - | tr | tr | .08 | .02 | .78 | | 13 |
| 14 | - | - | - | .11 | - | .42 | .07 | .07 | 1.37 | tr | tr | .46 | | 14 |
| 15 | .05 | - | - | .09 | .16 | .24 | .35 | .01 | .02 | .01 | .17 | .05 | | 15 |
| 16 | .01 | tr | - | tr | tr | tr | .01 | - | tr | tr | .31 | .08 | | 16 |
| 17 | .01 | .51 | - | .02 | .04 | tr | .22 | - | - | .05 | .44 | .03 | | 17 |
| 18 | - | .06 | - | .02 | - | - | tr | .15 | - | .04 | .01 | .10 | | 18 |
| 19 | .45 | .12 | .01 | - | tr | - | .15 | .02 | - | .01 | - | .01 | | 19 |
| 20 | .08 | .13 | - | - | - | - | .33 | - | - | tr | - | - | | 20 |
| 21 | - | - | .02 | tr | - | .18 | - | - | - | - | - | .04 | | 21 |
| 22 | .01 | .34 | .03 | - | .01 | .27 | .11 | - | - | - | - | - | | 22 |
| 23 | - | .04 | .01 | .03 | .15 | - | .46 | - | - | - | - | - | | 23 |
| 24 | .08 | .12 | - | - | .85 | - | - | - | .52 | .06 | - | - | | 24 |
| 25 | .32 | - | .02 | - | tr | - | .04 | - | .40 | .15 | - | - | | 25 |
| 26 | .02 | .13 | .72 | - | - | - | .03 | - | .07 | .34 | .04 | - | | 26 |
| 27 | .08 | - | .02 | - | - | - | .01 | - | .10 | .19 | tr | - | | 27 |
| 28 | .19 | .64 | .05 | .01 | tr | - | .03 | - | - | tr | - | tr | | 28 |
| 29 | .39 | .72 | .09 | - | .66 | .65 | tr | - | - | .03 | .03 | tr | | 29 |
| 30 | .02 | | - | - | .04 | .08 | .31 | - | - | .26 | - | tr | | 30 |
| 31 | tr | | .05 | | tr | | tr | - | | tr | | .04 | | 31 |
| Total | 3.15 | 2.91 | 2.03 | .93 | 2.02 | 3.88 | 4.34 | 1.97 | 3.64 | 1.35 | 2.71 | 1.91 | Year's Total<br>30.84 | ✓ |
| * Days with .01 in. or more. | 21 | 12 | 17 | 10 | 10 | 15 | 20 | 12 | 14 | 14 | 17 | 14 | 176 | ✓ |
| * Days with .04 in. or more. | 15 | 12 | 7 | 6 | 8 | 13 | 14 | 9 | 11 | 9 | 9 | 10 | 122 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) John H Pease

[P.T.O.

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3509

**Section** **A** for the entry of Da

AIR MINISTRY.—

FOR OFFICIAL USE.

RGANIZATION.

FORM 1090.

## REGISTE

3509

GAINFORD

1931 — 36

780701

*Kept at* Gainford

*in the County of* Durha

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Leve

**THE MORNING MEASURE**

*An observer who does not conform to thi*
*year in the space on the right of this p*

Pl

ing

Jan. 1, following

| Date | Jan. | Feb. | March | Ap | | | | | | | ov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | frost<br>- | snow & frost<br>- | .04 | tr | - | tr | tr | tr. | .15 | .03 | - | frost<br>- | 1 |
| 2 | frost<br>- | snow<br>.05 | frost<br>tr. | .59 | - | .67 | - | - | .62 | .03 | tr. | .37 | 2 |
| 3 | frost<br>- | - | frost<br>- | .03 | - | .10 | .05 | - | .62 | - | .47 | .15 | 3 |
| 4 | frost<br>- | snow<br>.10 | frost<br>- | .16 | - | tr. | .01 | - | .47 | - | .01 | .10 | 4 |
| 5 | frost<br>- | snow<br>.01 | snow<br>.11 | - | .04 | .60 | thunder snow<br>.61 | .04 | .03 | - | - | frost<br>.28 | 5 |
| 6 | frost<br>- | frost & snow<br>.11 | snow<br>.06 | - | - | - } | thunder<br>.36 | .25 | - | .02 | tr. | frost<br>tr | 6 |
| 7 | frost<br>- | - | snow<br>.16 | - | .01 | .45 } | thunder<br>tr. | .22 | - | .01 | .26 | - | 7 |
| 8 | frost<br>- | tr. | snow<br>.55<br>snow | .02 | .06 | tr. | .52 | .06 | tr. | .01 | .02 | - | 8 |
| 9 | .01 | .10 | .10 | .06 | .08 | .10 | .11 | .16 | tr. | .01 | .22 | - | 9 |
| 10 | frost<br>- | .02 | - | - | .05 | .40 | .01 | tr. | - | - | .10 | - | 10 |
| 11 | frost<br>.05 | .45 | - | .04 | tr. | .06 | - } | - | - | - | - | - | 11 |
| 12 | frost<br>.15 | frost<br>- | - | - | - | .03 | thunder<br>.30 } | .16 | - | .09 | - | - | 12 |
| 13 | frost & snow<br>tr. | frost<br>- | snow<br>.09 | - | .02 | .03 | tr. | .09 | - | - | tr. | - | 13 |
| 14 | .02 | .05 | .06 | - | .01 | .55 | thunder<br>.30 | .81 | tr. | - | .17 | .03 | 14 |
| 15 | - | .04 | - | .26 | .11 | .02 | .08 | .16 | - | - | .03 | - | 15 |
| 16 | .06 | .14 | - | .14 | - | - | .02 | .35 | .25 | - | frost<br>tr. | - | 16 |
| 17 | - | frost & snow<br>.19 | - | gale<br>.27 | tr. | tr | .06 | .14 | fog<br>.02 | - | .03 | frost<br>- | 17 |
| 18 | .09 | .02 | - | .38 | - | .50 | tr. | .02 | .01 | tr. | frost<br>.31 | frost<br>- | 18 |
| 19 | .01 | - | - | .09 | - | .01 | .22 | thunder<br>1.03 | - } | .03 | tr. | - | 19 |
| 20 | frost<br>- | - | - | .05 | - | - | tr. | tr. | .12 } | frost<br>- | .05 | tr. | 20 |
| 21 | tr. | - | - | .04 | .09 | tr. | - | - | tr. | frost<br>- | - | tr. | 21 |
| 22 | .12 | frost<br>.02 | - | .04 | .42 | .01 | - | - | tr. | frost<br>- | .05 | tr. | 22 |
| 23 | .31 | frost<br>- | - | .08 | .14 | .23 | tr. | - | tr. | .08 | .20 | - | 23 |
| 24 | .09 | tr. | - | .31 | .52 | tr. | .04 | - | tr. | - } | .01 | - | 24 |
| 25 | frost<br>.03 | tr. | - | .09 | .02 | - | .08 | - | - | frost<br>.08 } | tr. | - | 25 |
| 26 | .02 | - | - | .07 | - | - | tr | - | - | frost<br>- | .48 | - | 26 |
| 27 | .05 | - | frost<br>tr. | .17 | - | - | tr | - | - | frost<br>.04 | .16 | - | 27 |
| 28 | .23 | - | tr. | thunder<br>.21 | .40 | - | - | - | .05 | - | tr. | .08 | 28 |
| 29 | snow<br>.40 | - | snow<br>.05 | - | .10 | - | .20 | - | - | .35 | .03 | snow<br>.14 | 29 |
| 30 | .04 | × | - | - | .70 | .02 | tr. | - | - | - | frost<br>- | frost<br>- | 30 |
| 31 | .42 | × | - | × | tr. | × | .06 | - | × | - | × | tr. | 31 d. |
| TOTAL | 2.10 | 1.30 | 1.22 | 3.10 | 2.77 | 3.78 | 3.03 | 3.49 | 2.34 | .78 | 2.60 | 1.15 | YEAR'S TOTAL<br>37.66 |
| *Days with ·01 in. or more. | ~~17~~ | ~~13~~ | ~~9~~ | ~~20~~ | ~~16~~ | ~~17~~ | ~~18~~ | ~~13~~ | ~~10~~ | ~~13~~ | ~~17~~ | ~~7~~ | ~~170~~ |
| *Days with ·04 in. or more. | 12 | 9 | 9 | 18 | 12 | 10 | 15 | 12 | 8 | 6 | 11 | 6 | 128 |

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*See Instruction 2 (*f*) on other side.

M

(Signed) H. L. Fife

P.T.O.

~~STAT~~ 3509

**Section A** for the entry of Da

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Gainford

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

" Ground " Sea Level 260 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | frost<br>- | snow & frost<br>- | .04 | tr | - | tr | tr. | tr. | .15 | .03 | - | frost<br>- | 1 |
| 2 | frost<br>- | snow<br>.05 | frost<br>tr. | .59 | - | .67 | - | - | .62 | .03 | tr. | .37 | 2 |
| 3 | frost<br>- | - | frost<br>- | .03 | - | .10 | .05 | - | .62 | - | .47 | .15 | 3 |
| 4 | frost<br>- | snow<br>.10 | frost<br>- | .16 | - | tr. | .01 | - | .47 | - | .01 | .10 | 4 |
| 5 | frost<br>- | snow<br>.01 | snow<br>.11 | - | .04 | .60 | thunder storm<br>.61 | .04 | .03 | - | - | frost<br>.28 | 5 |
| 6 | frost<br>- | frost & snow<br>.11 | snow<br>.06 | - | - | - | thunder<br>.36 | .25 | - | .02 | tr. | frost<br>tr | 6 |
| 7 | frost<br>- | - | snow<br>.16 | - | .01 | .45 | thunder<br>tr. | .22 | - | .01 | .26 | - | 7 |
| 8 | frost<br>- | tr. | snow<br>.55 | .02 | .06 | tr. | .52 | .06 | tr | .01 | .02 | - | 8 |
| 9 | .01 | .10 | snow<br>.10 | .06 | .08 | .10 | .11 | .16 | tr. | .01 | .22 | - | 9 |
| 10 | frost<br>- | .02 | - | - | .05 | .40 | .01 | tr. | - | - | .10 | - | 10 |
| 11 | frost<br>.05 | .45 | - | .04 | tr. | .06 | - | - | - | - | - | - | 11 |
| 12 | frost<br>.15 | frost<br>- | - | - | - | .03 | thunder<br>.30 | .16 | - | .09 | - | - | 12 |
| 13 | frost & snow<br>tr. | frost<br>- | snow<br>.09 | - | .02 | .03 | tr. | .09 | - | - | tr. | - | 13 |
| 14 | .02 | .05 | .06 | - | .01 | .55 | thunder<br>.30 | .81 | tr. | - | .17 | .03 | 14 |
| 15 | - | .04 | - | .26 | .18 | .02 | .08 | .16 | - | - | .03 | - | 15 |
| 16 | .06 | .14 | - | .14 | - | - | .02 | .35 | .25 | - | frost<br>tr. | - | 16 |
| 17 | - | frost & snow<br>.19 | - | gale<br>.27 | tr. | tr | .06 | .14 | fog<br>.02 | - | .03 | frost<br>- | 17 |
| 18 | .09 | .02 | - | .38 | - | .50 | tr. | .02 | .01 | tr. | frost<br>.31 | frost<br>- | 18 |
| 19 | .01 | - | - | .09 | - | .01 | .22 | thunder<br>1.03 | - | .03 | tr. | - | 19 |
| 20 | frost<br>- | - | - | .05 | - | - | tr. | tr. | .12 | frost<br>- | .05 | tr. | 20 |
| 21 | tr. | - | - | .04 | .09 | tr. | - | - | tr. | frost<br>- | - | tr. | 21 |
| 22 | .12 | frost<br>.02 | - | .04 | .42 | .01 | - | - | tr. | frost<br>- | .05 | tr. | 22 |
| 23 | .31 | frost<br>- | - | .08 | .14 | .23 | tr. | - | tr. | .08 | .20 | - | 23 |
| 24 | .09 | tr. | - | .31 | .52 | tr. | .04 | - | tr. | - | .01 | - | 24 |
| 25 | frost<br>.03 | tr. | - | .09 | .02 | - | .08 | - | - | frost<br>.08 | tr. | - | 25 |
| 26 | .02 | - | - | .07 | - | - | tr. | - | - | frost<br>- | .48 | - | 26 |
| 27 | .05 | - | frost<br>tr. | .17 | - | - | tr. | - | - | frost<br>.04 | .16 | - | 27 |
| 28 | .23 | - | tr. | thunder<br>.21 | .40 | - | - | - | .05 | - | tr. | .08 | 28 |
| 29 | snow<br>.40 | - | snow<br>.05 | - | .10 | - | .20 | - | - | .35 | .03 | snow<br>.14 | 29 |
| 30 | .04 | X | - | - | .70 | .02 | tr. | - | - | - | frost<br>- | frost<br>- | 30 |
| 31 | .42 | X | - | X | tr. | X | .06 | - | X | - | X | tr | 31 d. |
| TOTAL | 2.10 | 1.30 | 1.22 | 3.10 | 2.77 | 3.78 | 3.03 | 3.49 | 2.34 | .78 | 2.60 | 1.15 | YEAR'S TOTAL<br>27.66 |
| *Days with ·01 in. or more. | ~~17~~ | ~~13~~ | ~~9~~ | ~~20~~ | ~~16~~ | ~~17~~ | ~~18~~ | ~~13~~ | ~~10~~ | ~~13~~ | ~~17~~ | ~~7~~ | ~~170~~ |
| *Days with ·04 in. or more. | 12 | 9 | 9 | 18 | 12 | 10 | 15 | 12 | 8 | 6 | 11 | 6 | 128 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) D. L. Fife

P.T.O.

3509

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3509

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Gainford

*in the County of* Durham

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft ' in.

,, Ground ,, Sea Level 260 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | - | - | ·12 | ·25 | - | - | tr | ·30 | ·03 | tr | ·03 | 1 |
| 2 | - | - | - | - | ·55 | - | ·05 | tr | ·22 | ·03 | ·01 | ·09 | 2 |
| 3 | tr | - | - | ·11 | - | - | tr | tr | ·01 | tr | - | ·07 | 3 |
| 4 | tr | tr | - | ·01 | sleet ·09 | - | ·21 | ·01 | tr | - | - | tr | 4 |
| 5 | ·16 | - | - | tr | ·15 | - | - | - | ·08 | - | - | tr | 5 |
| 6 | ·20 | - | ·06 | ·11 | tr | - | - | - | tr | - | - | tr | 6 |
| 7 | frost - | - | ·13 | ·01 | - | tr | ·02 | - | ·13 | ·20 | - | tr | 7 |
| 8 | frost - | ·05 | ·03 | ·03 | ·10 | - | - | - | thunder ·25 | ·50 | ·11 | tr | 8 |
| 9 | ·34 | snow ·11 | snow tr | - | ·08 | - | - | - | tr | ·14 | tr | ·10 | 9 |
| 10 | ·32 | snow ·06 | snow ·03 | sleet ·15 | - | - | - | ·02 | - | ·46 | tr | ·13 | 10 |
| 11 | tr | ·21 | - | tr | ·80 | ·04 | thunder ·67 | ·05 | ·16 | tr | ·01 | tr | 11 |
| 12 | ·22 | tr | - | ·11 | ·12 | tr | ·01 | - | tr | ·05 | ·08 | tr | 12 |
| 13 | ·01 | ·11 | ·03 | tr | tr | - | tr | ·03 | - | tr | tr | ·11 | 13 |
| 14 | ·14 | - | - | tr | - | - | ·01 | tr | ·53 | - | ·05 | tr | 14 |
| 15 | tr | tr | - | ·01 | ·06 | - | - | - | tr | ·01 | ·09 | ·05 | 15 |
| 16 | ·20 | frost - | - | - | - | - | - | - | - | tr | ·03 | ·06 | 16 |
| 17 | tr | frost - | - | ·02 | - | - | ·04 | tr | - | ·08 | ·01 | tr | 17 |
| 18 | - | frost - | - | - | ·04 | - | - | tr | - | - | - | tr | 18 |
| 19 | - | tr | tr | ·08 | ·07 | - | - | - | tr | ·13 | ·01 | tr | 19 |
| 20 | - | - | ·03 | ·08 | ·15 | - | - | ·62 | - | ·13 | - | ·01 | 20 |
| 21 | - | - | ·44 | ·08 | ·95 | tr | ·06 | ·26 | - | ·60 | tr | ·01 | 21 |
| 22 | - | - | ·31 | ·07 | tr | tr | ·15 | tr | - | ·07 | ·13 | ·01 | 22 |
| 23 | - | ·03 | tr | ·05 | tr | - | ·17 | - | - | tr | ·11 | tr | 23 |
| 24 | - | tr | - | - | tr | - | ·28 | - | ·07 | - | tr | nil | 24 |
| 25 | frost - | ·02 | - | ·16 | ·04 | - | tr | ·01 | ·02 | ·15 | tr | tr | 25 |
| 26 | frost - | tr | - | tr | ·11 | - | ·22 | - | ·10 | ·05 | ·05 | tr | 26 |
| 27 | frost - | - | ·34 | ·05 | ·04 | thunder ·77 | ·17 | - | - | ·17 | ·03 | tr | 27 |
| 28 | tr | - | tr | ·25 | ·30 | ·14 | ·15 | ·02 | - | ·04 | tr | tr | 28 |
| 29 | - | - | ·30 | ·05 | ·01 | ·04 | ·58 | ·87 | ·08 | ·17 | ·18 | ·09 | 29 |
| 30 | - | ✕ | ·01 | tr | - | ·40 | tr | - | ·27 | ·16 | ·15 | frost ·08 | 30 |
| 31 | - | ✕ | tr | ✕ | - | ✕ | ·09 | ·11 | ✕ | ·15 | ✕ | ·02 | 31 |
| TOTAL | 1.59 | ·59 | 1.71 | 1.55 | 3.91 | 1.39 | 2.88 | 2.00 | 2.22 | 3.17 | 1.05 | ·86 | YEAR'S TOTAL 22.92 |
| *Days with ·01 in. or more. | ~~8~~ | ~~7~~ | ~~12~~ | ~~20~~ | ~~19~~ | ~~5~~ | ~~17~~ | ~~10~~ | ~~15~~ | ~~19~~ | ~~15~~ | ~~4~~ | ~~161~~ |
| *Days with .04 in. or more. | 7 | 5 | 5 | 15 | 18 | 5 | 12 | 5 | 13 | 16 | 9 | 9 | 119 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) H. L. Fife

P.T.O.

3509

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3509

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* GAINFORD S.O.

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

" Ground " Sea Level 260 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .08 | .02 | .10 | - | tr. | - | - | .01 | - | - | tr. | - | | 1 |
| 2 | .11 | frost<br>- | .14 | - | tr. | tr. | - | - | - | - | .38 | .02 | | 2 |
| 3 | .03 | .09 | .31 | - | .42 | - | - | - | - | - | .58 | - | | 3 |
| 4 | .28 | .05 | .02 | - | .06 | - | - | - | - | - | tr. | - | | 4 |
| 5 | .11 | tr | .08 | tr | .25 | - | - | - | - | tr. | tr | - | | 5 |
| 6 | tr. | .03 | tr | - | .56 | - | - | - | - | - | tr | .05 | | 6 |
| 7 | tr. | .16 | tr. | - | .01 | - | - | - | .01 | .22 | tr | tr | | 7 |
| 8 | .01 | tr. | .03 | .01 | .03 | tr. | .05 | - | - | tr. | - | .08 | | 8 |
| 9 | frost<br>tr. | .48 | - | - | .06 | .02 | .05 | - | - | .12 | .04 | .02 | | 9 |
| 10 | tr. | frost<br>.02 | - | - | tr. | .06 | - | - | - | .35 | tr | .02 | | 10 |
| 11 | frost<br>- | - | - | - | .06 | tr. | - | - | - | .06 | frost<br>- | .02 | | 11 |
| 12 | tr | - | - | - | .09 | .23 | .03 | - | - | tr. | frost<br>- | .08 | | 12 |
| 13 | - | - | tr. | - | .02 | - | .14 | .15 | .02 | .02 | frost<br>.09 | tr. | | 13 |
| 14 | .16 | - | tr. | - | - | - | .02 | - | - | - | .58 | .04 | | 14 |
| 15 | .22 | - | .09 | - | - | - | .29 | - | - | .21 | .44 | .11 | | 15 |
| 16 | snow<br>.24 | - | .08 | .04 | .21 | .04 | .11 | - | - | .01 | .30 | .01 | | 16 |
| 17 | .14 | snow<br>.08 | .13 | .04 | .02 | .04 | - | - | .02 | - | .30 | - | | 17 |
| 18 | frost<br>tr | snow<br>.24 | .01 | snow<br>.11 | - | .51 | - | tr. | - | - | .14 | .02 | | 18 |
| 19 | frost<br>- | frost<br>tr. | .89 | snow<br>.05 | - | .05 | .05 | tr. | tr | - | .03 | frost<br>fog - | | 19 |
| 20 | frost<br>- | frost<br>tr | tr | .02 | .02 | .01 | - | - | .11 | .08 | .03 | frost<br>fog - | | 20 |
| 21 | frost<br>- | frost<br>.01 | - | tr | - | tr | - | .02 | .31 | .03 | .04 | .01 | | 21 |
| 22 | frost<br>- | .04 | - | - | - | .25 | - | - | tr. | .58 | tr | - | | 22 |
| 23 | frost<br>tr. | .18 | - | tr. | .23 | .40 | - | .06 | .13 | .01 | .03 | - | | 23 |
| 24 | frost<br>- | snow<br>.45 | - | .24 | .22 | .21 | tr. | .05 | .31 | tr. | tr. | .16 | | 24 |
| 25 | frost<br>- | snow<br>2.00 | - | .28 | - | tr. | - | tr. | .34 | .15 | tr | .01 | | 25 |
| 26 | - | 1.14 | - | .08 | .08 | - | - | - | tr | .01 | .02 | .06 | | 26 |
| 27 | frost<br>- | frost<br>.20 | - | tr. | .02 | - | thunder<br>.40 | - | tr. | .15 | .04 | tr | | 27 |
| 28 | - | .02 | - | tr. | tr. | - | .01 | .22 | tr. | .18 | .01 | .09 | | 28 d? |
| 29 | tr. | X | - | .14 | - | - | thunder<br>1.60 | tr. | - | .19 | tr. | fog<br>.05 | | 29 |
| 30 | .03 | X | tr. | thunder<br>.11 | - | - | .04 | - | .05 | .04 | frost<br>- | fog<br>.04 | | 30 |
| 31 | .04 | X | .01 | X | - | X | - | - | X | tr. | X | fog<br>.03 | | 31 |
| TOTAL | 1.54 | 5.24 | 1.89 | 1.18 | 2.36 | 2.12 | 2.82 | .51 | 1.30 | 2.41 | 3.08 | .92 | Year's Total<br>25.40 | |
| *Days with ·01 in. or more. | 12 | 14 | 12 | 11 | 14 | 11 | 12 | 6 | 9 | 14 | 16 | 19 | 159 | |
| *Days with ·04 in. or more. | 9 | 12 | 8 | 9 | 11 | 9 | 9 | 4 | 6 | 12 | 11 | 10 | 110 | |

40-9999

*See Instruction 2 (*f*) on other side.

D M

† Spare column, no entries required.

(*Signed*) H. L. Fyfe [P.T.O.

3509

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Gainford

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | ·02 | ·10 | | | | | ·01 | | | | | 1 |
| 2 | ·11 | | ·14 | | | | | | | | ·38 | ·02 | 2 |
| 3 | ·03 | 09 | 31 | | ·42 | | | | | | ·58 | | 3 |
| 4 | ·28 | ·05 | ·02 | | ·06 | | | | | | | | 4 |
| 5 | ·11 | | ·08 | | ·25 | | | | | | | | 5 |
| 6 | | 03 | | | ·56 | | | | | | | ·05 | 6 |
| 7 | | ·16 | | | ·01 | | | | ·01 | ·22 | | | 7 |
| 8 | ·01 | | ·03 | ·01 | 03 | | ·05 | | | | | ·08 | 8 |
| 9 | | 48 | | | ·06 | ·02 | ·05 | | | ·12 | ·04 | ·02 | 9 |
| 10 | | ·02 | | | | ·06 | | | | ·35 | | ·02 | 10 |
| 11 | | | | | ·06 | | | | | ·06 | | ·02 | 11 |
| 12 | | | | | ·09 | ·23 | ·03 | | | | | ·08 | 12 |
| 13 | | | | | ·02 | | ·17 | ·15 | ·02 | ·02 | 09 | | 13 |
| 14 | ·16 | | | | | | ·02 | | | | ·58 | 04 | 14 |
| 15 | ·22 | | ·09 | | | | 29 | | | ·21 | ·47 | ·11 | 15 |
| 16 | ·27 | | 08 | ·07 | 21 | 04 | ·11 | | | ·01 | 30 | ·01 | 16 |
| 17 | 17 | ·08 | ·13 | ·04 | ·02 | 04 | | | ·02 | | ·30 | | 17 |
| 18 | | ·27 | ·01 | ·11 | | ·51 | | | | | ·14 | ·02 | 18 |
| 19 | | | ·89 | ·05 | | 05 | ·05 | | | | ·03 | | 19 |
| 20 | | | | ·02 | ·02 | ·01 | | | ·11 | ·08 | ·03 | | 20 |
| 21 | | 01 | | | | | | ·02 | ·31 | ·03 | ·04 | ·01 | 21 |
| 22 | | ·04 | | | | 25 | | | | ·58 | | | 22 |
| 23 | | ·18 | | | ·23 | ·70 | | ·06 | ·13 | ·01 | ·03 | | 23 |
| 24 | | ·45 | | ·27 | ·22 | ·21 | | ·05 | ·31 | | | 16 | 24 |
| 25 | | 2·00 | | 28 | | | | | ·34 | ·15 | | ·01 | 25 |
| 26 | | 1·17 | | ·08 | ·08 | | | | | ·01 | ·02 | ·06 | 26 |
| 27 | | ·20 | | | ·02 | | ·40 | | | ·15 | ·04 | | 27 |
| 28 | | ·02 | | | | | ·01 | ·22 | | ·18 | ·01 | ·09 | 28 |
| 29 | | | | ·14 | | | 1·60 | | | 19 | | ·05 | 29 |
| 30 | ·03 | ✕ | | ·11 | | | ·04 | | ·05 | ·04 | | ·04 | 30 |
| 31 | ·07 | ✕ | ·01 | ✕ | | ✕ | | | ✕ | | ✕ | ·03 | 31 |
| TOTAL | 1·54 | 5·27 | 1·89 | 1·18 | 2·36 | 2·12 | 2·82 | ·51 | 1·30 | 2·41 | 3·08 | ·92 | YEAR'S TOTAL 25·40 |
| *Days with ·01 in. or more. | 12 | 17 | 12 | 11 | 17 | 11 | 12 | 6 | 9 | 17 | 16 | 19 | 159 |
| *Days with ·04 in. or more. | 9 | 12 | 8 | 9 | 11 | 9 | 9 | 4 | 6 | 12 | 11 | 10 | 110 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) H. S. Fife

[P.T.O.

## COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3509.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* GAINFORD

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 260 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·11 | - | - | - | - | - | - | ·29 | - | tr. | tr. | ·13 | | 1 |
| 2 | tr. | - | ·02 | - | - | - | - | Thunder<br>·63 | ·12 | - | ·10 | tr. | | 2 |
| 3 | tr. | ·02 | - | - | - | - | - | - | - | ·15 | ·09 | ·49 | | 3 |
| 4 | ·02 | - | ·01 | ·08 | - | - | - | - | ·01 | ·09 | ·01 | ·71 | | 4 |
| 5 | ·01 | - | ·05 | ·11 | ·18 | - | - | ·21 | tr. | tr. | ·08 | ·36 | | 5 |
| 6 | tr. | - | - | ·02 | ·44 | tr. | - | ·60 | ·03 | ·09 | ·02 | ·53 | | 6 |
| 7 | ·02 | - | tr. | tr. | ·03 | ·13 | - | tr. | tr. | tr. | tr. | ·17 | | 7 |
| 8 | - | - | - | - | ·21 | Thunder<br>·30 | - | ·02 | ·02 | ·01 | ·76 | ·10 | | 8 |
| 9 | tr. | ·03 | ·02 | ·40 | - | - | - | ·01 | ·02 | ·08 | tr. | ·03 | | 9 |
| 10 | ·03 | - | ·40 | ·11 | - | - | - | ·13 | - | tr. | ·40 | tr. | | 10 |
| 11 | ·11 | - | ·50 | ·76 | - | - | - | - | - | - | ·06 | ·12 | | 11 |
| 12 | tr. | frost<br>- | ·45 | ·20 | tr. | - | ·14 | ·16 | ·01 | tr. | ·04 | ·13 | | 12 |
| 13 | ·46 | - | ·04 | ·08 | - | - | Thunder<br>·45 | ·01 | - | - | ·04 | tr. | | 13 |
| 14 | ·09 | frost<br>- | ·38 | ·01 | ·04 | ·12 | ·21 | - | ·21 | ·10 | ·04 | ·14 | | 14 |
| 15 | ·02 | - | tr. | - | ·05 | tr. | ·01 | ·04 | tr. | ·27 | ·06 | ·11 | | 15 |
| 16 | ·12 | - | ·18 | - | ·03 | ·06 | - | - | ·03 | ·05 | ·09 | tr. | | 16 |
| 17 | ·09 | - | ·03 | - | ·02 | - | Thunder<br>·45 | - | tr. | tr. | tr. | ·17 | | 17 |
| 18 | ·12 | - | - | - | ·24 | ·04 | - | tr. | ·21 | tr. | tr. | ·03 | | 18 |
| 19 | - | - | ·10 | ·22 | tr. | ·03 | tr. | ·01 | - | tr. | ·01 | tr. | | 19 |
| 20 | - | - | tr. | tr. | tr. | ·04 | - | ·04 | - | - | tr. | tr. | | 20 |
| 21 | tr. | - | tr. | - | - | ·49 | ·02 | ·09 | - | ·03 | tr. | tr. | | 21 |
| 22 | - | - | - | - | - | ·08 | ·01 | ·16 | ·09 | ·11 | tr. | ·05 | | 22 |
| 23 | frost<br>tr. | - | ·04 | ·07 | - | tr. | ·07 | tr. | - | ·21 | ·01 | ·08 | | 23 |
| 24 | frost<br>- | - | ·01 | ·08 | ·06 | ·05 | - | - | ·07 | ·44 | tr. | ·06 | | 24 |
| 25 | frost<br>·02 | frost<br>·01 | - | ·24 | ·01 | tr. | tr. | - | ·17 | ·24 | - | ·75 | | 25 |
| 26 | ·10 | frost<br>- | - | ·41 | - | ·05 | ·01 | - | ·01 | ·05 | - | ·01 | | 26 |
| 27 | - | snow<br>·25 | - | ·24 | - | ·09 | - | - | tr. | ·32 | - | ·21 | | 27 |
| 28 | - | tr. | tr. | ·26 | - | ·05 | tr. | ·18 | tr. | tr. | - | tr. | | 28 |
| 29 | - | X | tr. | tr. | - | - | ·06 | ·08 | ·46 | ·03 | - | ·07 | | 29 |
| 30 | ·07 | X | ·04 | - | - | - | ·11 | tr. | ·03 | snow<br>·52 | - | ·05 | | 30 |
| 31 | ·05 | X | tr. | X | | X | tr. | ·13 | X | | X | ·01 | | 31 |
| TOTAL | 1·44 | ·31 | 2·27 | 3·29 | 1·31 | 1·53 | 1·54 | 2·79 | 1·49 | 2·79 | 1·81 | 4·50 | Year's Total.<br>25.08 | |
| * Days with .01 in. or more. | 16 | 4 | 15 | 16 | 11 | 13 | 11 | 17 | 15 | 17 | 15 | 23 | 173 | |
| * Days with .04 in. or more. | 10 | 1 | 10 | 14 | 7 | 12 | 7 | 13 | 7 | 14 | 11 | 19 | 125 | |

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(Signed) [P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3509

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Gainford

*in the County of* Durham

Diameter of Funnel of Gauge ...... in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level ...... ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·11 | | | | | | | 29 | | | | ·13 | | 1 |
| 2 | | | ·02 | | | | | ·63 | ·12 | | ·10 | | | 2 |
| 3 | | 02 | | | | | | | | ·15 | ·09 | ·49 | | 3 |
| 4 | ·02 | | ·01 | ·08 | | | | | 01 | ·09 | ·01 | ·71 | | 4 |
| 5 | ·01 | | ·05 | ·11 | ·18 | | | 21 | | | ·08 | ·36 | | 5 |
| 6 | | | | ·02 | 44 | | | ·60 | ·03 | ·09 | ·02 | ·53 | | 6 |
| 7 | ·02 | | | | ·03 | ·13 | | | | | | ·17 | | 7 |
| 8 | | | | | ·21 | ·30 | | ·02 | ·02 | ·01 | 76 | ·10 | | 8 |
| 9 | | ·03 | ·02 | ·40 | | | | ·01 | ·02 | ·08 | | ·03 | | 9 |
| 10 | ·03 | | ·40 | ·11 | | | | ·13 | | | ·40 | | | 10 |
| 11 | ·11 | | ·50 | ·76 | | | | | | | ·06 | 12 | | 11 |
| 12 | | | ·45 | ·20 | | | ·14 | 16 | ·01 | | ·04 | ·13 | | 12 |
| 13 | 46 | | ·04 | ·08 | | | 45 | ·01 | | | ·04 | | | 13 |
| 14 | 09 | | ·38 | ·01 | 04 | ·12 | 21 | | ·21 | 10 | ·04 | ·14 | | 14 |
| 15 | 02 | | | | 05 | | ·01 | ·04 | | 27 | 06 | ·11 | | 15 |
| 16 | ·12 | | 18 | | 03 | 06 | | | 03 | ·05 | ·09 | | | 16 |
| 17 | ·09 | | ·03 | | ·02 | | ·45 | | | | | ·17 | | 17 |
| 18 | ·12 | | | | ·24 | 04 | | | ·21 | | | ·03 | | 18 |
| 19 | | | 10 | 22 | | ·03 | | ·01 | | | 01 | | | 19 |
| 20 | | | | | | ·04 | | ·04 | | | | | | 20 |
| 21 | | | | | | ·49 | ·02 | ·09 | | ·03 | | | | 21 |
| 22 | | | | | | ·08 | 01 | 16 | 09 | ·11 | | ·05 | | 22 |
| 23 | | | 04 | ·07 | | | 07 | | | ·21 | ·01 | ·08 | | 23 |
| 24 | | | ·01 | 08 | ·06 | ·05 | | | 07 | 44 | | ·06 | | 24 |
| 25 | ·02 | ·01 | | ·24 | ·01 | | | | ·17 | ·24 | | ·75 | | 25 |
| 26 | ·10 | | | ·41 | | ·05 | ·01 | | ·01 | ·05 | | ·01 | | 26 |
| 27 | | 25 | | ·24 | | ·09 | | | | ·32 | | ·21 | | 27 |
| 28 | | | | ·26 | | ·05 | | ·18 | | | | | | 28 |
| 29 | | | | | | | ·06 | ·08 | ·46 | 03 | | ·07 | | 29 |
| 30 | ·07 | ✕ | ·04 | | | | 11 | | ·03 | ·52 | | ·05 | | 30 |
| 31 | 05 | ✕ | | ✕ | | ✕ | | 13 | ✕ | | ✕ | ·01 | | 31 |
| TOTAL | 1·44 | ·31 | 2·27 | 3·29 | 1·31 | 1·53 | 1·54 | 2·79 | 1·49 | 2·79 | 1·81 | 4·51 | Year's Total<br>25·08 | |
| *Days with ·01 in. or more. | 16 | 4 | 15 | 16 | 11 | 13 | 11 | 17 | 15 | 17 | 15 | 23 | 173 | |
| *Days with .04 in. or more. | 10 | 1 | 10 | 14 | 7 | 12 | 7 | 13 | 7 | 14 | 11 | 19 | 125 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) H. S. Fife

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3509

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Gainford

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 260 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·70 | tr | ·05 | snow ·02 | – | – | ·03 | – | thunder ·92 | ·11 | ·01 | ·13 | | 1 |
| 2 | tr | tr | tr | snow tr | – | ·04 | – | – | – | ·70 | ·02 | tr | | 2 |
| 3 | tr | ·42 | ·15 | snow ·14 | – | ·33 | – | – | ·12 | tr | ·02 | – | | 3 |
| 4 | tr | tr | ·01 | snow tr | – | ·26 | ·03 | – | ·12 | ·85 | ·03 | tr | | 4 |
| 5 | ·07 | ·28 | tr | – | – | ·06 | – | – | ·12 | ·21 | tr | – | | 5 |
| 6 | snow ·17 | ·03 | tr | – | – | ·09 | – | – | – | ·05 | tr | tr | | 6 |
| 7 | ·10 | tr | tr | ·06 | – | ·13 | – | – | – | ·02 | ·18 | – | | 7 |
| 8 | frost tr | tr | – | ·17 | tr | ·08 | – | ·01 | – | tr | ·08 | ·03 | | 8 |
| 9 | tr | tr | tr | ·28 | tr | ·14 | – | – | – | ·41 | ·34 | – | | 9 |
| 10 | tr | tr | – | ·17 | – | ·04 | – | – | – | ·15 | ·20 | tr | | 10 |
| 11 | ·17 | tr | frost tr | tr | – | ·08 | – | ·20 | – | ·05 | ·08 | ·05 | | 11 |
| 12 | tr | tr | – | tr | – | ·01 | – | – | – | ·01 | ·52 | tr | | 12 |
| 13 | snow ·10 | ·03 | – | ·06 | sleet ·15 | tr | – | – | thunder ·13 | tr | tr | – | | 13 |
| 14 | tr | – | ·03 | tr | ·12 | ·04 | ·18 | – | ·14 | – | tr | snow ·07 | | 14 |
| 15 | tr | ·15 | – | thunder ·44 | snow ·17 | ·23 | – | tr | ·14 | ·01 | ·04 | snow ·05 | | 15 |
| 16 | tr | ·28 | – | ·11 | snow ·20 | – | – | – | ·37 | – | ·53 | tr | | 16 |
| 17 | tr | tr | ·09 | ·09 | – | ·04 | – | ·42 | ·05 | – | 1·26 | tr | | 17 |
| 18 | tr | tr | tr | tr | ·01 | ·25 | ·02 | ·11 | ·03 | ·17 | ·15 | – | | 18 |
| 19 | tr | ·01 | – | ·03 | tr | ·01 | ·12 | – | – | ·15 | ·16 | – | | 19 |
| 20 | tr | ·16 | – | ·18 | tr | ·04 | ·02 | – | – | tr | ·12 | – | | 20 |
| 21 | tr | ·28 | – | ·14 | – | – | – | – | thunder 1·92 | ·03 | ·24 | frost – | | 21 |
| 22 | tr | ·03 | ·14 | ·01 | – | – | – | – | tr | tr | ·03 | frost – | | 22 |
| 23 | tr | tr | ·01 | tr | – | – | ·01 | ·30 | – | ·13 | tr | – | | 23 |
| 24 | ·08 | ·86 | ·05 | tr | – | ·16 | – | tr | 1·11 | ·01 | tr | ·35 | | 24 |
| 25 | SNOW ·10 | SNOW ·01 | tr | tr | – | – | – | – | – | tr | tr | ·15 | | 25 |
| 26 | SNOW ·18 | tr | – | – | – | – | ·04 | ·94 | ·41 | ·01 | ·03 | ·11 | | 26 |
| 27 | SNOW ·19 | SNOW ·18 | – | – | – | tr | ·01 | – | ·24 | ·06 | tr | ·06 | | 27 |
| 28 | ·01 | ·01 | – | – | – | – | – | ·44 | tr | ·25 | ·02 | tr | | 28 |
| 29 | tr | – | ·08 | – | – | ·01 | – | ·07 | ·01 | ·09 | ·04 | ·08 | | 29 |
| 30 | – | ✕ | ·02 | – | – | ·26 | – | ·01 | ·62 | ·25 | ·28 | tr | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | – | – | ✕ | ·04 | ✕ | 28 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·87 | 2·73 | ·63 | 1·90 | ·65 | 2·30 | ·46 | 2·50 | 6·45 | 3·76 | 4·38 | 1·36 | 28·99 | |
| * Days with .01 in. or more. | 11 | 14 | 10 | 14 | 5 | 20 | 9 | 9 | 16 | 22 | 22 | 11 | 163 | |
| * Days with .04 in. or more. | 10 | 8 | 6 | 11 | 4 | 17 | 3 | 7 | 14 | 16 | 15 | 10 | 121 | |

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) H. L. Fyfe [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3509

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Gainford

*in the County of* Durham

Diameter of Funnel of Gauge.......in.

Height of top of Gauge above Ground.......ft.......in.

,, Ground ,, Sea Level.......ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·18 | ·07 | ·41 | ·03 | | ·01 | ·02 | | ·10 | tr | ·01 | tr | | 1 |
| 2 | | | ·02 | | | ·26 | ·02 | | tr | tr | TR | ·05 | | 2 |
| 3 | | ·05 | | | | 1·29 | | ·02 | ·28 | tr | – | – | | 3 |
| 4 | ·15 | ·01 | ·02 | | | ·03 | | ·05 | ·26 | tr | ·07 | ·17 | | 4 |
| 5 | ·08 | | | | | | | ·34 | ·01 | tr | ·03 | ·07 | | 5 |
| 6 | ·05 | | | | ·01 | | ·09 | ·64 | ·29 | tr | ·25 | tr | | 6 |
| 7 | ·03 | | ·01 | | | | ·31 | | ·07 | – | ·15 | tr | | 7 |
| 8 | ·09 | | ·27 | | | | | | tr | ·01 | ·03 | tr | | 8 |
| 9 | ·82 | | ·22 | | ·04 | ·03 | ·73 | | tr | ·10 | ·07 | tr | | 9 |
| 10 | ·05 | | | | | | ·01 | | tr | tr | ·05 | tr | | 10 |
| 11 | | | | ·13 | ·01 | ·01 | | ·06 | ·02 | tr | ·95 | – | | 11 |
| 12 | | | | ·47 | | ·21 | ·09 | ·21 | ·35 | – | ·30 | ·12 | | 12 |
| 13 | | | | ·10 | | ·08 | ·05 | | tr | ·04 | ·01 | ·94 | | 13 |
| 14 | | | | ·19 | | ·42 | | ·11 | 1·82 | tr | ·02 | ·45 | | 14 |
| 15 | ·06 | | | ·02 | ·14 | ·12 | ·11 | | ·09 | ·01 | ·20 | ·05 | | 15 |
| 16 | | | | | | | ·02 | | tr | tr | ·33 | ·05 | | 16 |
| 17 | | ·58 | | ·01 | ·01 | | ·25 | | tr | ·10 | ·33 | ·04 | | 17 |
| 18 | | ·06 | | ·01 | | | | ·14 | tr | ·04 | TR | ·03 | | 18 |
| 19 | ·95 | ·10 | ·01 | | | | ·20 | ·03 | – | ·02 | TR | ·03 | | 19 |
| 20 | ·08 | ·11 | | | | ·01 | ·30 | | tr | tr | TR | – | | 20 |
| 21 | | | ·01 | | | ·25 | | | – | tr | TR | ·03 | | 21 |
| 22 | ·02 | ·30 | ·01 | | ·01 | ·33 | ·15 | | – | tr | – | – | | 22 |
| 23 | | ·08 | ·01 | ·03 | ·17 | | ·72 | | – | tr | – | tr | | 23 |
| 24 | ·10 | ·11 | | | ·90 | | | | ·40 | ·06 | TR | – | | 24 |
| 25 | ·32 | | ·02 | | | | ·06 | | ·32 | ·31 | TR | – | | 25 |
| 26 | | ·11 | ·72 | | | | ·02 | | – | ·45 | ·12 | – | | 26 |
| 27 | ·11 | | ·06 | | | | ·11 | | ·05 | ·21 | TR | – | | 27 |
| 28 | ·19 | ·75 | ·04 | ·03 | | | ·01 | | ·11 | tr | – | – | | 28 |
| 29 | ·31 | ·80 | ·12 | | ·65 | ·72 | | | tr | ·02 | ·02 | – | | 29 |
| 30 | ·02 | × | | | ·01 | ·09 | ·20 | | tr | ·27 | ·02 | tr | | 30 |
| 31 | | × | ·03 | × | | × | | | × | – | × | ·05 | | 31 |
| TOTAL | 3·61 | 3·13 | 1·98 | 1·02 | 1·95 | 3·86 | 3·47 | 1·60 | 4·11 | 1·64 | 2·96 | 2·08 | Year's Total. 31·41 | |
| * Days with .01 in. or more. | 18 | 13 | 16 | 10 | 10 | 15 | 20 | 9 | 14 | 13 | 18 | 13 | 169 | |
| * Days with .04 in. or more. | 15 | 12 | 7 | 4 | 5 | 10 | 14 | 7 | 11 | 9 | 11 | 10 | 115 | |

40-9999

† Spare column, no entries required.

(*Signed*) H L Fyfe

* See Instruction 2 (f) on other side.

[P.T.O.

305 3510

3510

Barnard Castle,
Bowes Museum.
Durham
1931 – 1940
780701

**Section** **A** for the entry o

AIR MINIST

RAINFALL ORGANIZATION.

FOR OFFICIAL USE.

FORM 1090.

## REGIS 1931.

*Kept* Barnard Castl

*in the County of* Durh

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

,, Ground ,, Sea Level

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·04 | ·03 | | | | | ·11 | ·02 | | | 1 |
| 2 | | ·08 | | 58 | | ·87 | | | 1·30 | ·01 | ·01 | 46 | 2 |
| 3 | | 01 | | ·02 | | ·15 | ·03 | | ·81 | | 92 | 44 | 3 |
| 4 | | 10 | | 20 | | | ·03 | | ·25 | | ·04 | ·31 | 4 |
| 5 | | 01 | ·01 | | ·05 | 61 | ·12 | ·02 | | | | ·33 | 5 |
| 6 | | ·12 | ·11 | | | ·34 | ·83 | 40 | ·01 | 02 | ·04 | 01 | 6 |
| 7 | | | ·10 | | 01 | ·30 | 1·39 | ·31 | | 08 | 16 | ·01 | 7 |
| 8 | | 01 | 26 | ·01 | 17 | 05 | ·55 | ·05 | ·02 | 12 | ·15 | | 8 |
| 9 | ·03 | 21 | ·20 | ·05 | ·04 | ·14 | ·16 | 10 | | ·02 | ·18 | ·01 | 9 |
| 10 | ·01 | ·07 | ·05 | | ·04 | 09 | 06 | ·02 | | ·01 | ·15 | | 10 |
| 11 | ·05 | ·79 | | | | ·02 | ·07 | | ·04 | | ·05 | | 11 |
| 12 | 17 | ·02 | | ·04 | | ·01 | ·20 | | | 08 | ·01 | | 12 |
| 13 | | | 10 | | ·07 | ·55 | ·01 | ·12 | ·01 | | | | 13 |
| 14 | ·01 | ·04 | ·08 | | ·04 | ·02 | ·37 | 1·40 | | | ·21 | 08 | 14 |
| 15 | ·03 | 07 | | ·21 | 05 | ·03 | ·20 | 16 | | | ·05 | | 15 |
| 16 | ·41 | ·15 | | ·31 | ·25 | ·04 | | ·74 | ·09 | | ·01 | | 16 |
| 17 | | ·16 | | ·36 | | 35 | 06 | 01 | ·01 | | ·04 | | 17 |
| 18 | ·11 | 03 | | ·42 | | ·13 | 01 | ·01 | ·01 | ·02 | ·22 | | 18 |
| 19 | ·02 | ·02 | | ·10 | | | | ·81 | ·08 | ·01 | ·01 | | 19 |
| 20 | | ·02 | ·01 | ·05 | | ·01 | | ·01 | | | ·08 | ·02 | 20 |
| 21 | | ·01 | | ·08 | ·07 | ·01 | | ·02 | | | ·01 | | 21 |
| 22 | ·31 | ·06 | | ·04 | ·37 | ·25 | ·01 | | | | ·02 | | 22 |
| 23 | ·43 | ·01 | ·01 | ·09 | ·15 | ·01 | ·02 | | ·01 | ·07 | 32 | ·02 | 23 |
| 24 | ·20 | ·03 | | ·23 | 53 | ·01 | | | | 07 | ·04 | ·01 | 24 |
| 25 | ·04 | | | ·24 | ·04 | | 10 | | | | 03 | | 25 |
| 26 | ·02 | | | ·05 | | | ·01 | | | | ·52 | | 26 |
| 27 | ·04 | | ·01 | 11 | ·01 | | ·03 | | | ·05 | ·12 | ·03 | 27 |
| 28 | ·26 | ·03 | 03 | ·05 | 39 | | | | ·03 | | 01 | ·09 | 28 |
| 29 | ·24 | | ·03 | | ·09 | ·01 | ·12 | | | ·37 | ·04 | ·04 | 29 |
| 30 | ·03 | ✕ | ·01 | | ·67 | | | | | | | | 30 |
| 31 | 61 | ✕ | | ✕ | 02 | ✕ | ·57 | | ✕ | | ✕ | ·01 | 31 |
| TOTAL | 3·02 | 2·05 | 1·05 | 3·27 | 3·06 | 4·00<br>~~3·89~~ | 4·95 | 4·18 | 2·78 | ·95 | 3·44 | 1·87 | YEAR'S TOTAL<br>34·62 |
| *Days with ·01 in. or more. | 19 | 22 | 15 | 21 | 19 | 22 | 22 | 15 | 14 | 14 | 26 | 15 | 22 4 |
| *Days with ·04 in. or more. | 12 | 11 | 8 | 18 | 16<br>~~17~~ | 13 | 14 | 9 | 7 | 7~~6~~ | 18 | 7 | 140 |

40-9999

*See Instruction 2 (f) on other side.

(*Signed*) S. E. Harrison

[P.T.O.

305

3510

**Section** **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Barnard Castle, Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·04 | ·03 | | | | | ·11 | ·02 | | | 1 |
| 2 | | ·08 | | 58 | | ·87 | | | 1·30 | 01 | ·01 | ·46 | 2 |
| 3 | | 01 | | ·02 | | ·15 | ·03 | | ·81 | | ·92 | ·44 | 3 |
| 4 | | 10 | | ·20 | | | 03 | | ·25 | | ·04 | ·31 | 4 |
| 5 | | 01 | 01 | | ·05 | 61 | 12 | ·02 | | | | ·33 | 5 |
| 6 | | ·12 | ·11 | | | ·34 | 83 | ·40 | ·01 | ·02 | 04 | ·01 | 6 |
| 7 | | | 10 | | 01 | ·30 | 1·39 | 31 | | ·08 | ·16 | ·01 | 7 |
| 8 | | 01 | 26 | ·01 | ·17 | 05 | ·55 | ·05 | ·02 | 12 | 15 | | 8 |
| 9 | ·03 | ·21 | ·20 | ·05 | 04 | ·14 | ·16 | 10 | | ·02 | ·18 | ·01 | 9 |
| 10 | 01 | ·07 | ·05 | | 04 | 09 | 06 | ·02 | | ·01 | ·15 | | 10 |
| 11 | ·05 | ·79 | | | | ·02 | ·07 | | ·04 | | 05 | | 11 |
| 12 | 17 | ·02 | | ·04 | | ·01 | ·20 | | | 08 | ·01 | | 12 |
| 13 | | | 10 | | ·07 | 55 | ·01 | ·12 | ·01 | | | | 13 |
| 14 | ·01 | 04 | ·08 | | 04 | 02 | ·37 | 1·40 | | | ·21 | ·08 | 14 |
| 15 | ·03 | ·07 | | ·21 | ·05 | ·03 | ·20 | ·16 | | | ·05 | | 15 |
| 16 | ·41 | ·15 | | ·31 | ·25 | ·04 | | ·74 | ·09 | | ·01 | | 16 |
| 17 | | ·16 | | ·36 | | ·35 | ·06 | 01 | ·01 | | ·04 | | 17 |
| 18 | ·11 | 03 | | ·42 | | ·13 | ·01 | ·01 | ·01 | ·02 | ·22 | | 18 |
| 19 | ·02 | ·02 | | ·10 | | | | ·81 | ·08 | ·01 | ·01 | | 19 |
| 20 | | ·02 | ·01 | ·05 | | ·01 | | ·01 | | | ·08 | ·02 | 20 |
| 21 | | ·01 | | ·08 | ·07 | ·01 | | ·02 | | | ·01 | | 21 |
| 22 | ·31 | ·06 | | ·04 | ·37 | ·25 | ·01 | | | | ·02 | | 22 |
| 23 | ·43 | ·01 | ·01 | ·09 | ·15 | ·01 | ·02 | | ·01 | ·07 | ·32 | ·02 | 23 |
| 24 | ·20 | ·03 | | ·23 | ·53 | ·01 | | | | ·07 | ·04 | ·01 | 24 |
| 25 | ·04 | | | ·24 | ·04 | | ·10 | | | | ·03 | | 25 |
| 26 | ·02 | | | ·05 | | | ·01 | | | | ·52 | | 26 |
| 27 | ·04 | | ·01 | ·11 | ·01 | | ·03 | | | ·05 | ·12 | ·03 | 27 |
| 28 | ·26 | ·03 | ·03 | ·05 | ·39 | | | | ·03 | | ·01 | ·09 | 28 |
| 29 | ·24 | X | ·03 | | ·09 | ·01 | ·12 | | | ·37 | ·04 | ·04 | 29 |
| 30 | ·03 | | ·01 | | ·67 | | | | | | | | 30 |
| 31 | ·61 | X | | X | ·02 | X | ·57 | | X | | X | ·01 | 31 |
| TOTAL | 3·02 | 2·05 | 1·05 | 3·27 | 3·06 | ~~3·89~~ 4·00 | 4·95 | 4·18 | 2·78 | ·95 | 3·44 | 1·87 | YEAR'S TOTAL 34·62 |
| *Days with ·01 in. or more. | 19 | 22 | 15 | 21 | 19 | 22 | 22 | 15 | 14 | 14 | 26 | 15 | 224 |
| *Days with ·04 in. or more. | 12 | 11 | 8 | 18 | ~~17~~ 16 | 13 | 14 | 9 | 7 | ~~7~~ 6 | 18 | 7 | 140 |

40-9999

*See Instruction 2 (h) on other side.

(Signed) S E Harrison

P.T.O.

3510

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Barnard Castle, Bowes Museum.

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | | ·14 | ·15 | | ·01 | ·04 | ·54 | ·06 | ·05 | ·16 | 1 |
| 2 | ·20 | | | | ·61 | | ·03 | ·01 | ·22 | ·07 | ·03 | ·14 | 2 |
| 3 | ·06 | | | ·08 | | | ·01 | | ·02 | ·01 | ·01 | ·15 | 3 |
| 4 | ·05 | | | ·01 | ·06 | | ·24 | ·01 | | ·01 | | | 4 |
| 5 | ·47 | ·01 | ·10 | ·08 | ·12 | ·01 | | | ·07 | | | | 5 |
| 6 | ·19 | | ·09 | ·22 | | | | | ·01 | ·01 | | ·04 | 6 |
| 7 | ·01 | | ·24 | ·15 | ·12 | ·02 | | | ·04 | ·45 | | | 7 |
| 8 | | ·03 | ·01 | ·02 | ·18 | | | | ·25 | ·54 | ·07 | ·01 | 8 |
| 9 | ·45 | ·15 | ·01 | ·42 | ·17 | | | | | ·11 | ·03 | ·08 | 9 |
| 10 | ·22 | ·11 | ·02 | ·06 | ·01 | | | ·02 | ·41 | ·32 | | ·10 | 10 |
| 11 | ·03 | ·29 | ·03 | ·02 | ·27 | ·05 | ·45 | | ·01 | ·05 | ·02 | ·01 | 11 |
| 12 | ·29 | ·01 | | ·01 | ·07 | | ·06 | ·01 | | ·13 | ·09 | | 12 |
| 13 | ·06 | ·05 | | ·11 | ·03 | | ·03 | ·06 | ·42 | ·06 | ·04 | ·06 | 13 |
| 14 | ·20 | | | ·02 | | | ·02 | | | ·02 | ·08 | ·02 | 14 |
| 15 | ·10 | | | ·05 | ·25 | | | | | | ·12 | ·07 | 15 |
| 16 | ·41 | | | | | | | | | ·03 | ·02 | ·23 | 16 |
| 17 | ·01 | | | ·03 | | | ·02 | | ·02 | ·25 | ·01 | ·01 | 17 |
| 18 | | | | ·01 | ·04 | | | ·01 | | | ·02 | | 18 |
| 19 | | | ·01 | ·14 | ·10 | ·01 | | | ·04 | ·07 | | | 19 |
| 20 | | | ·03 | ·16 | ·29 | | ·02 | ·49 | | ·19 | | ·01 | 20 |
| 21 | | ·01 | ·40 | ·01 | ·49 | | ·03 | ·35 | | ·77 | ·03 | ·04 | 21 |
| 22 | | | ·15 | ·14 | ·01 | | ·48 | | | ·06 | ·22 | ·02 | 22 |
| 23 | | ·03 | ·04 | ·07 | ·01 | | ·11 | | ·02 | ·03 | ·18 | ·05 | 23 |
| 24 | | ·01 | | | ·03 | | ·38 | | ·11 | | ·03 | | 24 |
| 25 | | ·02 | | ·16 | ·14 | | ·02 | ·01 | ·06 | ·23 | ·04 | | 25 |
| 26 | | ·03 | | | ·11 | | ·06 | | | ·11 | ·26 | | 26 |
| 27 | | | ·17 | ·05 | ·05 | ·45 | ·12 | | | ·09 | ·08 | ·01 | 27 |
| 28 | | | ·06 | ·39 | ·35 | ·27 | ·16 | | | ·03 | ·01 | | 28 |
| 29 | | | ·27 | ·08 | ·04 | ·03 | ·54 | ·72 | ·09 | ·13 | ·16 | ·10 | 29 |
| 30 | | × | ·04 | ·03 | | ·49 | ·01 | ·07 | ·32 | ·14 | ·12 | ·04 | 30 |
| 31 | | × | ·01 | × | | × | ·31 | ·02 | × | ·01 | × | ·03 | 31 |
| TOTAL | 2·78 | ·75 | 1·68 | 2·66 | 3·70 | 1·33 | 3·11 | 1·82 | 2·65 | 3·98 | 1·72 | 1·38 | YEAR'S TOTAL 27·56 |
| *Days with ·01 in. or more. | 16 | 12 | 17 | 26 | 24 | 8 | 21 | 13 | 17 | 27 | 23 | 21 | 225 |
| *Days with ·04 in. or more. | 12 | 4 | 10 | 17 | 19 | 4 | 11 | 6 | 12 | 19 | 13 | 13 | 140 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)..........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.
Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

906 sent 28/6/34 suggesting amendments to February

*Kept at* Bowes Museum Park, Barnard Castle.
*in the County of* Durham
Diameter of Funnel of Gauge 6 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level approx. 450 ft.

Total ✓
Dup ✓

February adjusted for snowfall by surrounding stations

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·12 | ·10 | ·06 | - | - | - | - | - | - | - | ·06 | - | | 1 |
| 2 | ·25 | ·01 | ·17 | ·01 | - | ·14 | - | - | - | - | ·32 | ·02 | | 2 |
| 3 | ·02 | ·12 | ·25 | ·01 | ·41 | - | - | - | - | - | ·19 | - | | 3 |
| 4 | ·34 | ·13 | ·10 | - | ·05 | - | - | - | - | - | ·02 | - | | 4 |
| 5 | ·12 | ·09 | ·11 | - | ·23 | - | - | - | - | - | ·01 | - | | 5 |
| 6 | ·06 | ·05 | ·07 | ·02 | ·75 | - | - | - | - | - | ·02 | ·07 | | 6 |
| 7 | ·01 | ·09 | ·02 | - | ·02 | - | - | - | ·01 | ·37 | - | - | | 7 |
| 8 | ·02 | ·01 | ·04 | ·03 | ·03 | - | - | - | - | - | - | ·13 | | 8 |
| 9 | - | ·55 | ·01 | ·01 | ·03 | ·01 | ·07 | - | - | ·18 | ·05 | ·02 | | 9 |
| 10 | ·01 | ·05 | - | - | - | ·11 | - | - | - | ·31 | ·02 | ·01 | | 10 |
| 11 | - | ·01 | - | — | - | - | ·05 | - | - | ·22 | - | - | | 11 |
| 12 | - | - | - | - | ·09 | ·23 | ·05 | - | - | - | - | ·12 | | 12 |
| 13 | - | - | ·02 | - | ·10 | - | ·24 | - | - | ·11 | ·03 | ·01 | | 13 |
| 14 | ·14 | - | ·01 | - | ·01 | - | ·05 | ·20 | - | - | ·45 | ·04 | | 14 |
| 15 | ·11 | - | ·09 | - | - | - | ·30 | ·01 | - | ·37 | ·41 | ·05 | | 15 |
| 16 | ·22 | - | ·11 | ·08 | ·23 | ·04 | ·33 | - | - | ·02 | ·22 | - | | 16 |
| 17 | ·18 | ·08 | ·22 | ·03 | ·03 | ·02 | - | ·01 | ·01 | - | ·42 | - | | 17 |
| 18 | - | ·14 | ·03 | ·15 | - | ·88 | - | - | - | - | ·21 | ·01 | | 18 |
| 19 | - | ·01 | ·68 | - | - | ·80 | ·38 | - | ·09 | - | ·05 | - | | 19 |
| 20 | - | ·01 | ·01 | - | ·05 | ·26 | - | - | ·05 | ·03 | ·01 | - | | 20 |
| 21 | - | ·02 | - | - | ·01 | ·01 | - | ·09 | ·17 | ·06 | ·03 | ·01 | | 21 |
| 22 | - | ·01 | - | - | - | - | - | - | ·01 | ·63 | - | - | | 22 |
| 23 | - | ·23 | - | - | ·03 | ·02 | - | - | ·06 | ·07 | ·01 | - | | 23 |
| 24 | - | (·75) ~~1·30~~ | - | ·26 | ·18 | ·33 | - | ·01 | ·59 | ·02 | ·05 | ·13 | | 24 |
| 25 | - | (1·28) ~~2·25~~ | - | ·27 | ·10 | - | - | ·04 | ·62 | ·03 | - | ·02 | | 25 |
| 26 | - | (1·29) ~~2·27~~ | - | ·04 | ·03 | - | - | - | ·02 | ·09 | ·01 | ·02 | | 26 |
| 27 | - | ·01 | - | - | ·05 | - | ·04 | - | ·01 | ·05 | ·06 | - | | 27 |
| 28 | - | ·06 | - | ·04 | - | - | - | ·56 | ·02 | ·35 | ·01 | ·07 | | 28 |
| 29 | - | × | - | ·18 | - | - | ·08 | ·02 | ·01 | ·24 | - | - | | 29 |
| 30 | - | × | - | ·02 | - | - | ·03 | ·01 | ·09 | ·05 | - | ·05 | | 30 |
| 31 | ·36 | × | - | × | - | × | - | - | × | ·04 | × | ·04 | | 31 |
| TOTAL | 1·96 | (5·10) ~~7·60~~ | 2·00 | 1·15 | 2·43 | 2·85 | 1·62 | ·95 | 1·76 | 3·24 | 2·66 | ·82 | Year's Total (26·54) ~~29·04~~ | |
| *Days with ·01 in. or more. | 14 | 22 | 17 | 14 | 19 | 12 | 11 | 9 | 14 | 19 | 22 | 17 | 190 | |
| *Days with ·04 in. or more. | 10 | 15 | 11 | 5 | 11 | 8 | 10 | 4 | 7 | 15 | 12 | 9 | 117 | |

40-9999
*See Instruction 2 (*f*) on other side.

D M

† Spare column, no entries required.

(*Signed*)

[P.T.O.

3510

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Barnard Castle, Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | 12 | 10 | 06 | | | | | | | | 06 | | 1 |
| 2 | 25 | 01 | 17 | 01 | | 14 | | | | | 32 | 02 | 2 |
| 3 | 02 | 12 | 25 | 01 | 41 | | | | | | 19 | | 3 |
| 4 | 34 | 13 | 10 | | 05 | | | | | | 02 | | 4 |
| 5 | 12 | 09 | 11 | | 23 | | | | | | 01 | | 5 |
| 6 | 06 | 05 | 07 | 02 | 75 | | | | | | 02 | 07 | 6 |
| 7 | 01 | 09 | 02 | | 02 | | | | 01 | 37 | | | 7 |
| 8 | 02 | 01 | 04 | 03 | 03 | | | | | | | 13 | 8 |
| 9 | | 55 | 01 | 01 | 03 | 01 | 07 | | | 18 | 05 | 02 | 9 |
| 10 | 01 | 05 | | | | 11 | | | | 31 | 02 | 01 | 10 |
| 11 | | 01 | | | | | 05 | | | 22 | | | 11 |
| 12 | | | | | 09 | 23 | 05 | | | | | 12 | 12 |
| 13 | | | 02 | | 10 | | 24 | | | 11 | 03 | 01 | 13 |
| 14 | 14 | | 01 | | 01 | | 05 | 20 | | | 45 | 04 | 14 |
| 15 | 11 | | 09 | | | | 30 | 01 | | 37 | 41 | 05 | 15 |
| 16 | 22 | | 11 | 08 | 23 | 04 | 33 | | | 02 | 22 | | 16 |
| 17 | 18 | 08 | 22 | 03 | 03 | 02 | | 01 | 01 | | 42 | | 17 |
| 18 | | 14 | 03 | 15 | | 88 | | | | | 21 | 01 | 18 |
| 19 | | 01 | 68 | | | 80 | 38 | | 09 | | 05 | | 19 |
| 20 | | 01 | 01 | | 05 | 26 | | | 05 | 03 | 01 | | 20 |
| 21 | | 02 | | | 01 | 01 | | 09 | 17 | 06 | 03 | 01 | 21 |
| 22 | | 01 | | | | | | | 01 | 63 | | | 22 |
| 23 | | 23<br>(·75) | | | 03 | 02 | | | 06 | 07 | 01 | | 23 |
| 24 | | 1·30<br>(1·3[illegible]) | | 26 | 18 | 33 | | 01 | 59 | 02 | 05 | 13 | 24 |
| 25 | | ~~2·25~~<br>(1·20) | | 27 | 10 | | | 04 | 62 | 03 | | 02 | 25 |
| 26 | | 2·2[illegible] | | 04 | 03 | | | | 02 | 09 | 01 | 02 | 26 |
| 27 | | 01 | | | 05 | | 04 | | 01 | 05 | 06 | | 27 |
| 28 | | 06 | | 04 | | | | 56 | 02 | 35 | 01 | 07 | 28 |
| 29 | | | | 18 | | | 08 | 02 | 01 | 24 | | | 29 |
| 30 | | × | | 02 | | | 03 | 01 | 09 | 05 | | 05 | 30 |
| 31 | 36 | × | | × | | × | | | × | 04 | × | 04 | 31 |
| TOTAL | 1·96 | ~~7·00~~ (5·10) | 2·00 | 1·15 | 2·43 | 2·85 | 1·62 | ·95 | 1·76 | 3·24 | 2·66 | ·82 | YEAR'S TOTAL (26·54) ~~29·04~~ |
| *Days with ·01 in. or more. | 14 | 23 | 17 | 14 | 19 | 12 | 11 | 9 | 14 | 19 | 22 | 17 | 191 |
| *Days with ·04 in. or more. | 10 | 15 | 11 | ~~5~~ 7 | 11 | 8 | 10 | 4 | 7 | 15 | 12 | 9 | 119 |

40-9999

*See Instruction 2 (*f*) on other side.

M

*(Signed)* S. E. Harrison [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Bowes Museum Park

*in the County of* Barnard Castle Co Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·03 | ·02 | ·01 | ·01 | — | — | · | ·26 | — | — | — | ·25 | | 1 |
| 2 | — | — | ·07 | ·01 | — | — | — | ·61 | ·13 | — | ·06 | ·49 | | 2 |
| 3 | ·04 | ·01 | ·01 | — | — | — | — | — | — | ·34 | ·10 | ·08 | | 3 |
| 4 | ·05 | — | ·04 | ·10 | — | — | — | — | ·01 | ·23 | ·01 | ·74 | | 4 |
| 5 | ·01 | — | ·12 | ·12 | ·21 | — | — | ·11 | — | ·06 | ·04 | ·34 | | 5 |
| 6 | ·01 | — | ·02 | ·03 | ·53 | — | — | ·66 | ·08 | ·10 | — | ·34 | | 6 |
| 7 | ·12 | ·10 | ·01 | ·14 | ·03 | ·04 | — | — | — | ·01 | — | ·29 | | 7 |
| 8 | — | — | — | — | ·23 | ·21 | — | ·01 | ·01 | ·04 | ·01 | ·12 | | 8 |
| 9 | ·01 | — | ·04 | ·31 | — | — | — | ·04 | ·05 | ·03 | ·86 | ·22 | | 9 |
| 10 | ·05 | — | ·43 | ·16 | — | — | — | ·13 | — | ·01 | ·39 | — | | 10 |
| 11 | ·30 | — | ·84 | 1·10 | — | — | — | — | — | — | ·02 | ·10 | | 11 |
| 12 | ·02 | — | ·61 | ·23 | — | — | ·26 | ·09 | — | ·01 | ·04 | ·12 | | 12 |
| 13 | ·45 | — | ·03 | ·10 | — | — | ·49 | ·04 | ·01 | — | ·03 | — | | 13 |
| 14 | ·08 | — | ·39 | — | ·03 | ·27 | ·07 | — | ·02 | ·20 | ·02 | ·13 | | 14 |
| 15 | ·27 | — | ·04 | ·01 | ·21 | — | ·01 | ·01 | — | ·27 | ·08 | ·24 | | 15 |
| 16 | ·25 | — | ·20 | — | ·02 | — | — | — | — | — | ·13 | — | | 16 |
| 17 | ·16 | — | ·05 | — | ·04 | — | ·33 | — | ·12 | ·01 | ·01 | ·22 | | 17 |
| 18 | ·05 | — | ·02 | — | ·30 | ·01 | — | — | ·01 | — | — | ·18 | | 18 |
| 19 | — | — | ·10 | ·12 | ·01 | ·03 | ·01 | — | ·04 | ·01 | — | ·02 | | 19 |
| 20 | — | — | ·02 | ·03 | — | ·02 | — | ·05 | — | — | — | — | | 20 |
| 21 | — | — | ·01 | — | — | ·48 | — | ·08 | ·26 | ·05 | — | — | | 21 |
| 22 | — | — | — | — | — | ·08 | ·06 | ·23 | ·21 | ·22 | — | — | | 22 |
| 23 | — | — | ·08 | ·20 | — | ·03 | ·02 | — | — | ·26 | — | ·09 | | 23 |
| 24 | — | — | — | ·12 | ·03 | ·26 | ·06 | — | ·08 | ·57 | — | ·03 | | 24 |
| 25 | ·04 | — | — | ·26 | ·02 | — | ·03 | — | ·13 | ·33 | — | ·69 | | 25 |
| 26 | ·23 | — | — | ·43 | — | ·07 | ·01 | — | ·04 | ·26 | — | ·01 | | 26 |
| 27 | — | ·06 | — | ·17 | — | ·08 | ·01 | — | ·02 | ·41 | — | ·10 | | 27 |
| 28 | — | — | — | ·30 | — | ·09 | ·01 | ·21 | — | ·02 | — | ·43 | | 28 |
| 29 | ·17 | X | — | ·01 | — | — | ·04 | ·13 | ·39 | ·01 | — | ·05 | | 29 |
| 30 | — | X | ·07 | — | — | — | ·12 | — | ·06 | ·56 | — | ·12 | | 30 |
| 31 | ·03 | X | — | X | — | X | — | ·03 | X | ·02 | X | ·04 | | 31 |
| | | | | | | | | | | | | | Year's Total. | |
| TOTAL | 2·37 | ·19 | 3·21 | 3·96 | 1·66 | 1·67 | 1·53 | 2·69 | 1·67 | 4·03 | 1·80 | 5·44 | 30·22 | |
| * Days with .01 in. or more. | 20 | 4 | 22 | 21 | 12 | 13 | 15 | 16 | 18 | 24 | 14 | 25 | 204 | |
| * Days with .04 in. or more. | 14 | 2 | 14 | 15 | 6 | 9 | 8 | 13 | 12 | 15 | 8 | 22 | 138 | |

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) Sydney E. Harrison

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Barnard Castle, Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.
Height of top of Gauge above Ground ............ ft ............ in.
,, Ground ,, Sea Level ............ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 03 | 02 | 01 | 01 | | | | 26 | | | | 25 | | 1 |
| 2 | | | 07 | 01 | | | | 61 | 13 | | 06 | 49 | | 2 |
| 3 | 04 | 01 | 01 | | | | | | | 34 | 10 | 08 | | 3 |
| 4 | 05 | | 04 | 10 | | | | | 01 | 23 | 01 | 74 | | 4 |
| 5 | 01 | | 12 | 12 | 21 | | | 11 | | 06 | 04 | 34 | | 5 |
| 6 | 01 | | 02 | 03 | 53 | | | 66 | 08 | 10 | | 34 | | 6 |
| 7 | 12 | | 01 | 14 | 03 | 04 | | | | 01 | | 29 | | 7 |
| 8 | | | | | 23 | 21 | | 01 | 01 | 04 | 01 | 12 | | 8 |
| 9 | 01 | | 04 | 31 | | | | 04 | 05 | 03 | 86 | 22 | | 9 |
| 10 | 05 | 10 | 43 | 16 | | | | 13 | | 01 | 39 | | | 10 |
| 11 | 30 | | 84 | 1·10 | | | | | | | 02 | 10 | | 11 |
| 12 | 02 | | 61 | 23 | | | 26 | 09 | | 01 | 04 | 12 | | 12 |
| 13 | 45 | | 03 | 10 | | | 49 | 04 | 01 | | 03 | | | 13 |
| 14 | 08 | | 39 | | 03 | 27 | 07 | | 02 | 20 | 02 | 13 | | 14 |
| 15 | 27 | | 04 | 01 | 21 | | 01 | 01 | | 27 | 08 | 24 | | 15 |
| 16 | 25 | | 20 | | 02 | | | | | | 13 | | | 16 |
| 17 | 16 | | 05 | | 04 | | 33 | | 12 | 01 | 01 | 22 | | 17 |
| 18 | 05 | | 02 | | 30 | 01 | | | 01 | | | 18 | | 18 |
| 19 | | | 10 | 12 | 01 | 03 | 01 | | 04 | 01 | | 02 | | 19 |
| 20 | | | 02 | 03 | | 02 | | 05 | | | | | | 20 |
| 21 | | | 01 | | | 48 | | 08 | 26 | 05 | | | | 21 |
| 22 | | | | | | 08 | 06 | 23 | 21 | 22 | | | | 22 |
| 23 | | | 08 | 20 | | 03 | 02 | | | 26 | | 09 | | 23 |
| 24 | | | | 12 | 03 | 26 | 06 | | 08 | 57 | | 03 | | 24 |
| 25 | 04 | | | 26 | 02 | | 03 | | 13 | 33 | | 69 | | 25 |
| 26 | 23 | | | 43 | | 07 | 01 | | 04 | 26 | | 01 | | 26 |
| 27 | | 06 | | 17 | | 08 | 01 | | 02 | 41 | | 10 | | 27 |
| 28 | | | | 30 | | 09 | 01 | 21 | | 02 | | 43 | | 28 |
| 29 | 17 | | | 01 | | | 04 | 13 | 39 | 01 | | 05 | | 29 |
| 30 | | × | 07 | | | | 12 | | 06 | 56 | | 12 | | 30 |
| 31 | 03 | × | | × | | × | | 03 | × | 02 | × | 04 | | 31 |
| TOTAL | 2·37 | ·19 | 3·21 | 3·96 | 1·66 | 1·67 | 1·53 | 2·69 | 1·67 | 4·03 | 1·80 | 5·44 | Year's Total<br>30·22 | |
| *Days with ·01 in. or more. | 20 | 4 | 22 | 21 | 12 | 13 | 15 | 16 | 18 | 24 | 14 | 25 | 204 | |
| *Days with ·04 in. or more. | 14 | 2 | 14 | 15 | 6 | 9 | 8 | 13 | 12 | 15 | 8 | 22 | 138 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) S. E. Harrison

[P.T.O.

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Barnard Castle, Bowes Museum,

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level ...... ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·29 | ·06 | ·12 | ·01 | | | ·05 | | ·16 | ·15 | ·04 | ·25 | | 1 |
| 2 | ·02 | | | | | ·07 | | | ·02 | ·61 | ·07 | ·01 | | 2 |
| 3 | ·01 | ·35 | ·10 | ·11 | | ·08 | | | ·25 | | ·34 | ·02 | | 3 |
| 4 | | | ·04 | ·02 | | ·33 | ·14 | | ·04 | ·64 | | | | 4 |
| 5 | ·02 | ·41 | ·01 | | | ·22 | | | ·26 | ·16 | | | | 5 |
| 6 | ·21 | ·03 | | | | ·12 | | | | ·16 | | | | 6 |
| 7 | ·12 | | | ·07 | | ·37 | | | | ·06 | ·21 | ·04 | | 7 |
| 8 | ·01 | | | ·18 | | ·11 | | | | ·02 | ·06 | ·03 | | 8 |
| 9 | ·02 | | ·01 | ·76 | | ·09 | | | | ·41 | ·22 | ·02 | | 9 |
| 10 | ·01 | | ·01 | ·18 | | ·04 | | | | ·36 | ·22 | | | 10 |
| 11 | ·30 | ·02 | | ·01 | | ·08 | | ·17 | | ·16 | ·13 | ·10 | | 11 |
| 12 | | | | | | ·01 | | | | ·02 | | ·01 | | 12 |
| 13 | ·12 | ·09 | ·10 | ·25 | ·17 | ·02 | | | ·11 | ·01 | ·42 | | | 13 |
| 14 | ·01 | ·01 | | ·08 | ·16 | ·03 | ·23 | | ·20 | | | ·04 | | 14 |
| 15 | | ·69 | | ·39 | ·07 | | | | ·27 | ·02 | ·01 | | | 15 |
| 16 | | ·56 | ·07 | ·31 | ·20 | | ·01 | ·15 | ·60 | | ·55 | | | 16 |
| 17 | | ·04 | | ·11 | ·02 | ·19 | | 1·07 | ·11 | ·02 | 1·11 | | | 17 |
| 18 | ·01 | ·04 | | ·03 | ·02 | ·09 | ·03 | ·02 | ·09 | ·42 | ·04 | ·01 | | 18 |
| 19 | | ·07 | | ·04 | | ·25 | ·12 | | ·05 | ·35 | ·14 | | | 19 |
| 20 | | ·47 | | ·33 | | ·14 | ·03 | | | | ·64 | | | 20 |
| 21 | | ·46 | | ·13 | | | | | 2·28 | ·11 | ·36 | ·01 | | 21 |
| 22 | | ·13 | ·34 | ·01 | | | | | ·01 | | ·06 | | | 22 |
| 23 | ·01 | | ·05 | ·05 | | | | ·28 | | ·16 | ·05 | | | 23 |
| 24 | ·14 | 1·20 | | | | | | | 1·08 | ·03 | | ·32 | | 24 |
| 25 | ·10 | ·06 | ·01 | | | ·05 | | | | | ·02 | ·22 | | 25 |
| 26 | ·12 | | | | | ·22 | ·02 | ·64 | ·34 | ·12 | ·04 | ·20 | | 26 |
| 27 | ·02 | ·16 | | | | | ·07 | | ·24 | ·20 | ·12 | ·02 | | 27 |
| 28 | ·02 | ·05 | | | | | | ·55 | ·50 | ·13 | ·12 | ·04 | | 28 |
| 29 | ·01 | | ·10 | | | ·06 | | ·02 | | ·16 | ·10 | ·10 | | 29 |
| 30 | | X | ·01 | | | ·31 | | ·01 | ·81 | ·62 | ·38 | ·04 | | 30 |
| 31 | ·01 | X | | X | | X | | | X | ·08 | X | ·36 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·58 | 4·90 | ·97 | 3·07 | ·64 | 2·88 | ·70 | 2·91 | 7·42 | 5·18 | 5·45 | 1·84 | 37·54 | |
| *Days with ·01 in. or more. | 21 | 19 | 13 | 19 | 6 | 21 | 9 | 9 | 19 | 25 | 24 | 19 | 204 | |
| *Days with .04 in. or more. | 8 | 16 | 8 | 14 | 4 | 18 | 5 | 6 | 18 | 19 | 22 | 11 | 149 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

*(Signed)* S. E. Harrison [P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Barnard Castle, Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·12 | ·08 | ·58 | ·04 |  | ·34 | ·03 | ·26 | ·11 | · | ·61 | ·01 |  | 1 |
| 2 |  | ·01 | ·14 |  |  | ·18 | ·04 | ·06 | — | · | – | ·06 |  | 2 |
| 3 | ·01 | ·02 |  |  |  | ·88 |  | ·01 | ·38 |  | – | ·03 |  | 3 |
| 4 | ·24 |  | ·02 |  | ·02 | ·02 |  | ·19 | ·20 | ·01 | ·10 | ·23 |  | 4 |
| 5 | ·14 |  | ·01 |  | ·04 | ·01 |  | ·35 | — | · | ·17 | ·05 |  | 5 |
| 6 | ·10 |  |  |  | ·03 | ·01 | ·14 | ·62 | ·33 | · | ·18 | — |  | 6 |
| 7 | ·06 |  | ·03 |  | ·02 |  | ·25 |  | ·10 | · | ·30 | ·09 |  | 7 |
| 8 | ·10 |  | ·36 |  |  |  |  |  | — | ·02 | ·08 | — |  | 8 |
| 9 | 1·26 |  | ·23 |  | ·03 |  | ·13 |  | ·05 | ·09 | ·12 | — |  | 9 |
| 10 | ·32 |  |  | ·01 |  |  |  |  | — | · | ·10 | — |  | 10 |
| 11 |  |  | ·01 | ·11 |  | ·05 | ·01 | ·10 | ·07 | ·01 | ·91 | — |  | 11 |
| 12 |  |  |  | ·39 | ·01 | ·25 | ·08 | ·08 | ·40 | · | ·29 | ·15 |  | 12 |
| 13 |  |  |  | ·11 |  | ·20 |  |  | ·02 | ·01 | ·02 | 1·33 |  | 13 |
| 14 |  |  |  | ·10 |  | ·18 | ·04 | ·08 | 1·43 | · | ·08 | ·67 |  | 14 |
| 15 | ·04 |  |  | ·04 | ·05 | ·02 | ·01 | ·05 | ·04 | ·02 | ·25 | ·10 |  | 15 |
| 16 | ·02 | ·01 |  | ·03 |  |  | ·02 |  | — | ·04 | ·39 | ·08 |  | 16 |
| 17 | ·02 | ·64 |  | ·04 | ·09 |  | ·27 |  | — | ·13 | ·26 | ·23 |  | 17 |
| 18 |  | ·06 | ·01 | ·02 |  |  | ·02 | ·11 | — | ·14 | ·03 | ·05 |  | 18 |
| 19 | ·70 | ·11 | ·02 |  |  |  | ·12 | ·04 | — | ·03 | – | ·08 |  | 19 |
| 20 | ·16 | ·11 |  |  |  |  | ·26 |  | — | · | – | ·01 |  | 20 |
| 21 |  | ·04 | ·03 |  |  | ·92 |  |  | — | ·01 | - | ·04 |  | 21 |
| 22 | ·04 | ·45 | ·04 |  | ·03 | ·30 | ·05 |  | — | · | - | — |  | 22 |
| 23 |  | ·16 | ·04 | ·01 | ·28 |  | ·53 |  | — | ·01 | - | — |  | 23 |
| 24 | ·15 | ·16 | ·01 | ·01 | 1·16 |  | ·08 |  | ·26 | ·36 | - | — |  | 24 |
| 25 | ·35 | ·02 | ·05 |  |  |  | ·01 |  | ·66 | ·39 | - | — |  | 25 |
| 26 | ·05 | ·09 | ·68 |  |  |  |  |  | ·60 | ·59 | - | — |  | 26 |
| 27 | ·15 | ·01 | ·17 |  |  |  | ·20 |  | ·14 | ·33 | - | — |  | 27 |
| 28 | ·18 | ·83 | ·09 |  |  |  | ·05 |  | — | · | – | ·01 |  | 28 |
| 29 | ·15 | ·80 | ·12 |  | ·81 | ·74 | ·04 |  | — | ·10 | ·01 | — |  | 29 |
| 30 | ·01 | × | ·01 |  | ·30 | ·10 | ·10 |  | — | ·30 | ·01 | ·04 |  | 30 |
| 31 | ·03 | × | ·11 | × | ·01 | × |  |  | × | · | × | ·15 |  | 31 |
| TOTAL | 4·40 | 3·60 | 2·76 | ·91 | 2·88 | 4·20 | 2·48 | 1·95 | 4·79 | 2·59 | 3·31 | 3·41 | Year's Total.<br>37·28 |  |
| * Days with .01 in. or more. | 23 | 17 | 21 | 12 | 14 | 15 | 22 | 12 | 15 | 18 | 18 | 19 | 206 |  |
| * Days with .04 in. or more. | 18 | 12<br>~~13~~ | 12 | 7 | 7 | 11<br>~~10~~ | 16 | 11 | 14 | 10 | 13 | 15 | 146 |  |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) S. E. Harrison

[P.T.O.

COPY FOR OFFICIAL USE.

Section | A | for the entry of Daily Observations. Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Barnard Castle, Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level .................ft.

Copy by B.R.O.

T L

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 12 | ·01 | ·10 | — | — | ·01 | — | — | ·16 | — | ·02 | 35 | | 1 |
| 2 | ·08 | ·16 | ·03 | 80 | — | ·03 | — | — | ·02 | — | — | ·19 | | 2 |
| 3 | ·01 | ·14 | ·02 | ·09 | 10 | ·08 | ·20 | — | — | — | — | ·19 | | 3 |
| 4 | ·33 | ·03 | ·10 | ·22 | ·03 | ·01 | ·09 | ·66 | — | — | — | ·12 | | 4 |
| 5 | ·25 | ·02 | ·10 | ·13 | ·03 | ·01 | ·09 | — | ·21 | — | — | ·22 | | 5 |
| 6 | ·09 | — | ·08 | ·06 | ·16 | — | — | — | ·01 | ·01 | ·17 | ·09 | | 6 |
| 7 | ·02 | ·52 | ·08 | ·04 | ·21 | ·07 | — | — | ·03 | ·01 | ·21 | ·13 | | 7 |
| 8 | — | ·27 | ·09 | ·05 | — | ·05 | ·15 | ·01 | — | — | ·02 | ·14 | | 8 |
| 9 | — | ·08 | ·03 | ·14 | ·06 | — | ·31 | ·04 | — | — | ·04 | ·14 | | 9 |
| 10 | — | ·16 | ·02 | — | ·25 | 07 | — | — | — | — | ·13 | ·49 | | 10 |
| 11 | — | — | 1·09 | ·08 | ·13 | — | — | — | — | — | — | ·28 | | 11 |
| 12 | ·34 | ·15 | 1·12 | ·27 | ·02 | ·17 | — | ·08 | ·09 | — | — | ·34 | | 12 |
| 13 | — | ·05 | ·06 | ·02 | ·09 | ·17 | — | ·04 | ·05 | — | — | ·06 | | 13 |
| 14 | — | ·03 | ·01 | ·01 | — | — | — | ·30 | — | — | — | ·33 | | 14 |
| 15 | ·15 | ·38 | — | ·14 | — | — | ·23 | ·02 | ·07 | — | — | ·15 | | 15 |
| 16 | ·02 | ·20 | ·62 | ·38 | — | ·21 | — | ·09 | — | — | — | ·24 | | 16 |
| 17 | ·26 | ·01 | ·15 | ·18 | ·03 | ·03 | — | — | ·53 | — | — | ·03 | | 17 |
| 18 | ·01 | ·10 | ·01 | ·02 | ·01 | ·15 | — | ·10 | ·01 | — | ·26 | — | | 18 |
| 19 | ·01 | ·15 | ·03 | ·05 | — | ·04 | — | — | ·21 | — | ·88 | — | | 19 |
| 20 | ·44 | ·02 | ·06 | ·05 | ·85 | — | — | — | — | — | ·18 | ·02 | | 20 |
| 21 | ·06 | ·01 | ·01 | ·06 | ·17 | — | ·31 | — | — | — | — | ·09 | | 21 |
| 22 | ·09 | — | ·27 | ·01 | ·04 | — | ·01 | — | — | ·02 | ·03 | ·04 | | 22 |
| 23 | ·30 | — | ·02 | — | ·17 | — | ·21 | — | — | ·73 | ·05 | ·02 | | 23 |
| 24 | ·34 | ·11 | ·01 | — | ·05 | — | ·02 | — | ·08 | ·22 | ·03 | ·01 | | 24 |
| 25 | ·02 | ·60 | — | — | ·01 | — | — | ·12 | — | ·27 | — | — | | 25 |
| 26 | ·04 | ·17 | ·04 | — | ·49 | — | — | — | ·03 | — | ·02 | — | | 26 |
| 27 | ·01 | ·40 | ·08 | ·10 | — | — | — | — | — | ·62 | ·01 | ·03 | | 27 |
| 28 | ·23 | ·11 | ·02 | — | — | — | — | — | — | ·21 | ·01 | ·02 | | 28 |
| 29 | ·26 | — | — | — | — | ·01 | — | — | — | ·11 | — | ·03 | | 29 |
| 30 | ·26 | ✕ | — | — | — | ·01 | — | — | — | ·02 | ·02 | ·03 | | 30 |
| 31 | 70 | ✕ | — | ✕ | — | ✕ | — | ·02 | ✕ | ·19 | ✕ | — | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 4·44 | 3·88 | 4·25 | 2·90 | 2·90 | 1·12 | 1·62 | 1·48 | 1·50 | 2·41 | 2·08 | 3·78 | 32·36 | ✓ |
| * Days with .01 in. or more. | 25 | 2~~6~~4 | 26 | 21 | 19 | 16 | 10 | 11 | 13 | 11 | 16 | 26 | 218 | ✓ |
| * Days with .04 in. or more. | 18 | 1~~5~~7 | 15 | 17 | 13 | 9 | 8 | 8 | 8 | 7 | 8 | 18 | 146 | ✓ |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .................................................. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Barnard Castle Bowes Museum.

*in the County of* Durham

Diameter of Funnel of Gauge 6 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 500 ft.

T L

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | ·37 | ·01 | | ·01 | 1·48 | ·38 | ·01 | ·02 | ·01 | ·35 | ·17 | | 1 |
| 2 | ·05 | ·04 | | ·17 | ·1 | | — | — | ·01 | ·82 | ·31 | ·03 | | 2 |
| 3 | ·03 | ·02 | | | | | ·04 | — | ·03 | 1·54 | ·15 | — | | 3 |
| 4 | ·06 | ·01 | | | | | — | — | — | ·37 | ·01 | ·36 | | 4 |
| 5 | ·01 | | ·07 | | | | ·11 | ·36 | ·04 | ·13 | — | ·04 | | 5 |
| 6 | ·21 | | ·01 | | | ·11 | ·09 | — | ·02 | ·11 | — | ·02 | | 6 |
| 7 | ·02 | | | | | | ·72 | ·15 | ·26 | ·31 | — | ·01 | | 7 |
| 8 | ·29 | | | | | | ·13 | ·04 | — | ·63 | ·03 | ·31 | | 8 |
| 9 | ·03 | ·28 | ·02 | | ·04 | ·10 | ·03 | — | — | ·05 | — | ·54 | | 9 |
| 10 | | ·01 | | | | ·11 | ·02 | — | — | ·07 | ·01 | ·07 | | 10 |
| 11 | ·12 | | | | | ·03 | ·03 | — | — | ·05 | ·01 | ·11 | | 11 |
| 12 | ·31 | ·02 | | | ·07 | | ·01 | ·09 | — | ·25 | ·36 | ·26 | | 12 |
| 13 | ·12 | ·09 | | | ·02 | | — | — | ·35 | ·09 | ·18 | ·07 | | 13 |
| 14 | ·57 | ·04 | | | ·05 | | — | — | — | — | — | ·08 | | 14 |
| 15 | ·36 | ·02 | ·01 | | | | ·21 | ·08 | ·02 | ·02 | — | ·61 | | 15 |
| 16 | ·31 | ·02 | ·01 | | 65 | | ·25 | ·09 | ·03 | ·01 | ·04 | ·09 | | 16 |
| 17 | | | | | ·40 | | ·01 | ·02 | ·03 | ·20 | — | ·02 | | 17 |
| 18 | ·06 | ·03 | ·01 | | ·04 | | — | ·01 | ·09 | ·08 | ·38 | ·03 | | 18 |
| 19 | | ·01 | ·12 | | | | — | ·09 | ·05 | — | ·14 | ·36 | | 19 |
| 20 | ·03 | ·01 | ·11 | | | | — | ·10 | ·03 | — | ·02 | ·39 | | 20 |
| 21 | | | ·01 | ·01 | | | — | ·13 | — | — | ·05 | ·12 | | 21 |
| 22 | ·01 | ·01 | ·01 | | | ·08 | — | ·07 | — | — | ·26 | ·39 | | 22 |
| 23 | ·02 | | | | 11 | ·02 | — | ·01 | — | — | ·31 | ·06 | | 23 |
| 24 | ·23 | | ·03 | | | ·04 | ·02 | ·47 | ·17 | ·28 | 10 | ·04 | | 24 |
| 25 | | | ·07 | | 01 | | ·28 | — | — | ·45 | ·21 | ·12 | | 25 |
| 26 | ·04 | ·30 | ·01 | | | ·09 | — | — | ·05 | ·05 | — | — | | 26 |
| 27 | ·04 | ·05 | | ·01 | ·28 | ·25 | ·21 | ·20 | ·02 | ·07 | ·14 | — | | 27 |
| 28 | ·30 | ·06 | | | 87 | ·40 | ·04 | ·06 | ·03 | — | ·01 | ·05 | | 28 |
| 29 | ·07 | | | | 48 | ·03 | ·01 | ·02 | ·01 | — | ·21 | ·06 | | 29 |
| 30 | ·10 | ✕ | | | ·06 | ·01 | ·02 | ·46 | ·28 | ·01 | ·50 | ·02 | | 30 |
| 31 | ·49 | ✕ | | ✕ | ·20 | ✕ | — | ·06 | ✕ | ·11 | ✕ | ·83 | | 31 |
| TOTAL | 3·88 | 1·39 | ·50 | ·19 | 3·29 | 2·75 | 2·61 | 2·52 | 1·54 | 5·71 | 3·78 | 5·26 | Year's Total 33·42 | |
| * Days with .01 in. or more. | 25 | 18 | 14 | 3 | 15 | 13 | 19 | 20 | 19 | 23 | 22 | 28 | 219 | |
| * Days with .04 in. or more. | 18 | 8 | 4 | 1 | 12 | 9 | 11 | 15 | 8 | 19 | 16 | 22 | 143 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Sydney E. Harrison

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Barnard Castle Bowes Museum

*in the County of* Durham

Diameter of Funnel of Gauge 6 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 500 ft.

Copy by B.R.O.

T.L.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·28 | – | ·12 | – | – | – | ·10 | – | ·04 | ·44 | ·02 | ·04 | | 1 |
| 2 | ·05 | – | ·01 | ·02 | – | – | ·05 | ·91 | ·93 ✓ | ·08 | ·03 | ·07 | | 2 |
| 3 | – | – | ·04 | ·22 | – | – | ·03 | ·20 | ·01 | ·04 | ·10 | ·15 | | 3 |
| 4 | ·08 | ·01 | ·22 | ·12 | – | – | ·39 | – | – | ·17 | ·17 | ·09 | | 4 |
| 5 | – | – | ·11 | – | ·05 | – | ·29 | ·18 | – | ·24 | ·50 | ·09 | | 5 |
| 6 | ·22 | – | ·05 | – | – | – | ·47 | ·01 | – | ·03 | ·02 | – | | 6 |
| 7 | ·16 | ·04 | ·33 | – | – | – | ·01 | – | – | ·03 | ·08 | ·02 | | 7 |
| 8 | ·48 | ·26 | ·24 | ·01 | – | – | ·16 | ·01 | – | – | ·20 | ·38 | | 8 |
| 9 | ·41 | ·06 | — | – | – | – | ·18 | ·10 | – | 1·17 | ·18 | ·10 | | 9 |
| 10 | ·22 | ·02 | ·14 | – | – | ·10 | — | ·15 | ·11 | ·03 | — | ·01 | | 10 |
| 11 | ·40 | ·11 | ·12 | – | ·01 | ·18 | — | ·01 | – | ·48 | ·05 | ·03 | | 11 |
| 12 | – | ·33 | — | – | – | ·01 | ·01 | – | ·01 | ·86 | ·02 | ·03 | | 12 |
| 13 | – | – | — | ·08 | ·12 | ·01 | ·01 | – | ·01 | ·48 | ·01 | – | | 13 |
| 14 | ·68 | – | — | ·02 | ·19 | ·33 | ·48 | – | – | ·10 | ·61 | ·03 | | 14 |
| 15 | ·39 | – | — | ·03 | ·01 | ·24 | ·19 | – | – | ·03 | ·11 | – | | 15 |
| 16 | ·15 | ·01 | ·23 | ·01 | ·33 | – | ·03 | – | – | – | ·04 | – | | 16 |
| 17 | ·29 | – | — | ·20 | ·02 | – | ·06 | – | – | – | – | – | | 17 |
| 18 | ·57 | ·04 | ·05 | – | – | ·09 | ·04 | – | ·01 | ·10 | ·60 | – | | 18 |
| 19 | ·16 | – | — | – | – | ·14 | ·12 | – | – | – | – | ·02 | | 19 |
| 20 | ·01 | – | — | – | – | ·07 | — | ·92 | ·02 | – | – | – | | 20 |
| 21 | ·18 | ·17 | ·05 | – | – | | — | ·47 | ·01 | – | – | – | | 21 |
| 22 | ·22 | ·52 | ·02 | ·06 | – | | ·02 | – | – | – | ·02 | – | | 22 |
| 23 | ·03 | ·12 | — | ·03 | – | ·04 | ·01 | – | – | – | – | – | | 23 |
| 24 | ·37 | ·02 | ·15 | ·10 | – | ·03 | ·04 | ·06 | – | – | ·03 | – | | 24 |
| 25 | ·05 | ·03 | ·14 | ·01 | – | ·05 | — | ·27 | – | – | ·49 | ·04 | | 25 |
| 26 | ·14 | ·15 | ·04 | – | – | ·05 | — | ·20 | ·02 | ·29 | ·18 | – | | 26 |
| 27 | ·16 | ·39 | ·71 | ·02 | – | ·13 | ·07 | ·27 | – | ·33 | ·23 | – | | 27 |
| 28 | ·20 | ·23 | ·66 | ·10 | – | ·02 | ·09 | ·04 | – | ·02 | ·23 | ·01 | | 28 |
| 29 | ·04 | | ·06 | – | – | ·22 | ·60 | ·01 | – | ·77 | ·07 | ·02 | | 29 |
| 30 | ·02 | ✕ | — | – | – | ·08 | ·03 | ·02 | – | ·09 | ·41 | – | | 30 |
| 31 | ·01 | ✕ | — | ✕ | – | ✕ | ·10 | ·01 | ✕ | ·10 | ✕ | – | | 31 |
| TOTAL | 5·97 | 2·51 | 3·49 | 1·03 | ·73 | 1·79 | 3·58 | 3·84 | 1·17 | 5·88 | 4·40 | 1·13 | Year's Total 35·52 | ✓ |
| * Days with .01 in. or more. | 27 | 17 | 20 | 15 | 7 | 17 | 25 | 18 | 10 | 21 | 24 | 16 | 217 | ✓ |
| * Days with .04 in. or more. | 23 | 12 | 18 | 7 | 4 | 13 | 17 | 12 | 3 | 16 | 17 | 8 | 150 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3510

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1[illegible]0

# REGISTER OF RAINFALL IN 1940

*Kept at* Barnard Castle (Bowes Museum)
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 500 ft.

BRITISH RAINFALL ORGANIZATION.

T

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·04 | – | .09 | ·05 | – | – | – | – | – | ·06 | ·06 | | 1 |
| 2 | – | ·01 | – | .23 | – | – | – | – | – | – | ·40 | ·02 | | 2 |
| 3 | – | ·28 | – | .09 | – | – | ·02 | – | – | .02 | – | – | | 3 |
| 4 | – | ·19 | – | ·02 | – | – | .17 | – | – | .06 | ·10 | ·08 | | 4 |
| 5 | – | ·07 | – | – | ·06 | – | ·02 | ·01 | – | ·09 | ·03 | ·56 | | 5 |
| 6 | – | ·05 | – | – | – | – | – | – | – | 65 | ·08 | ·18 | | 6 |
| 7 | ·08 | ·44 | – | ·01 | ·09 | – | – | ·04 | ·02 | .10 | – | ·02 | | 7 |
| 8 | ·01 | ·01 | – | .02 | – | – | – | ·04 | – | ·30 | – | ·03 | | 8 |
| 9 | – | – | ·03 | – | – | – | .37 | ·06 | – | ·48 | ·42 | ·03 | | 9 |
| 10 | – | – | ·04 | – | – | – | .79 | ·01 | – | ·01 | ·28 | ·01 | | 10 |
| 11 | – | ·02 | ·19 | – | – | – | ·82 | – | – | – | ·38 | – | | 11 |
| 12 | – | – | ·84 | – | – | ·01 | – | – | ·21 | – | ·01 | – | | 12 |
| 13 | – | ·05 | ·10 | – | – | – | 04 | – | 04 | – | ·07 | ·01 | | 13 |
| 14 | – | ·16 | ·03 | ·21 | ·05 | – | ·26 | – | ·03 | .02 | – | ·21 | | 14 |
| 15 | ·02 | – | ·05 | .01 | ·16 | ·02 | – | – | – | – | ·10 | ·02 | | 15 |
| 16 | ·12 | – | – | – | – | – | ·12 | – | .59 | ·43 | ·08 | – | | 16 |
| 17 | – | – | ·30 | – | – | – | 1.09 | – | ·15 | .03 | ·68 | ·01 | | 17 |
| 18 | – | ·03 | ·14 | ·25 | – | – | – | – | ·14 | – | ·27 | ·02 | | 18 |
| 19 | ·02 | ·21 | ·12 | ·05 | – | ·01 | ·33 | – | .06 | .04 | ·30 | ·03 | | 19 |
| 20 | – | ·04 | ·08 | .22 | – | – | ·10 | ·14 | ·04 | .05 | ·10 | – | | 20 |
| 21 | ·11 | – | ·01 | .05 | – | ·15 | – | – | – | .14 | ·25 | – | | 21 |
| 22 | – | ·04 | ·04 | .01 | ·06 | ·02 | – | – | ·02 | .47 | – | – | | 22 |
| 23 | – | ·07 | ·03 | ·25 | – | ·01 | ·03 | ·01 | – | ·03 | ·03 | .01 | | 23 |
| 24 | 09 | ·05 | ·01 | ·09 | – | – | – | – | – | .05 | ·02 | ·06 | | 24 |
| 25 | ·04 | ·01 | – | – | ·01 | – | – | – | – | ·08 | – | ·03 | | 25 |
| 26 | ·32 | ·04 | – | ·01 | ·16 | ·01 | ·13 | ·13 | – | – | ·01 | – | | 26 |
| 27 | ·46 | ·32 | ·01 | ·80 | – | – | ·10 | – | – | .02 | – | – | | 27 |
| 28 | ·22 | ·54 | ·01 | ·03 | ·21 | – | – | – | – | ·01 | – | – | | 28 |
| 29 | ·02 | ·01 | ·16 | ·04 | ·54 | ·03 | ·01 | – | – | .02 | – | .07 | | 29 |
| 30 | ·04 | × | ·01 | ·02 | – | – | – | – | – | ·81 | – | ·53 | | 30 |
| 31 | ·23 | × | ·15 | × | ·01 | × | – | – | × | .20 | × | .07 | | 31 |
| TOTAL | 1·78 | 2·68 | 2·35 | 2·50 | 1·40 | ·26 | 4·40 | ·44 | 1·30 | 4·11 | 3·67 | 2·06 | Year's Total<br>26·95 | ✓ |
| * Days with .01 in. or more. | 14 | 22 | 20 | 20 | 11 | 8 | 16 | 8 | 10 | 23 | 20 | 21 | 193 | |
| * Days with .04 in. or more. | 10 | 16 | 12 | 12 | 9 | 1 | 12 | 5 | 7 | 15 | 15 | 9 | 123 | |

1·33

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Sydney E. Harrison

[P.T.O.

306

3511

**Section** **A** for the entry

AIR MINISTR

FOR OFFICIAL USE.

AINFALL ORGANIZATION.

FORM 1090.

# REGIS 1931.

3511

BARNARD CASTLE

COUNTY SCHOOL

DURHAM

1931 - 1940

780701

*Kept at* Barnard Cast

*in the County of* Durham

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·04 | ·04 | | | | | ·11 | ·02 | | | 1 |
| 2 | | ·08 | | ·59 | | ·85 | | | 1·34 | ·02 | ·01 | ·43 | 2 |
| 3 | | ·01 | | ·01 | | ·14 | ·03 | | ·77 | | ·91 | ·47 | 3 |
| 4 | | ·10 | | ·20 | | ·01 | ·03 | | ·20 | | ·05 | ·32 | 4 |
| 5 | | ·01 | | | ·05 | ·63 | ·14 | ·02 | | | | ·34 | 5 |
| 6 | | ·15 | | | | ·36 | ·87 | ·41 | ·02 | ·02 | ·04 | ·01 | 6 |
| 7 | | | ·10 | | | ·29 | 1·42 | ·31 | | ·07 | ·16 | ·01 | 7 |
| 8 | | ·01 | ·26 | ·01 | ·18 | ·06 | ·56 | ·02 | ·02 | ·13 | ·15 | | 8 |
| 9 | ·03 | ·21 | ·20 | ·05 | ·06 | ·06 | ·11 | ·10 | | ·02 | ·17 | ·01 | 9 |
| 10 | ·01 | ·07 | ·05 | | ·03 | ·14 | ·06 | ·02 | | | ·15 | | 10 |
| 11 | ·05 | ·84 | | ·06 | | ·08 | ·09 | | ·04 | | ·04 | | 11 |
| 12 | ·17 | ·03 | | | | ·02 | ·20 | | | ·09 | ·01 | | 12 |
| 13 | | | ·10 | | ·08 | ·02 | ·01 | ·13 | ·01 | | | | 13 |
| 14 | | ·01 | ·08 | | ·04 | ·56 | ·39 | 1·40 | | | ·21 | ·08 | 14 |
| 15 | ·02 | ·11 | | ·23 | ·06 | ·02 | ·21 | ·17 | | | ·05 | | 15 |
| 16 | ·33 | ·15 | | ·32 | ·26 | | | ·73 | ·09 | | | | 16 |
| 17 | | ·16 | | ·36 | | ·05 | ·07 | ·01 | ·01 | ·01 | ·05 | | 17 |
| 18 | ·11 | ·03 | | ·41 | | ·35 | | ·01 | | ·01 | ·22 | | 18 |
| 19 | ·02 | ·02 | | ·10 | | ·16 | ·01 | ·81 | ·04 | ·01 | ·01 | | 19 |
| 20 | | ·02 | | ·06 | | | | ·01 | | | ·08 | ·02 | 20 |
| 21 | ·01 | ·02 | ·01 | ·08 | ·07 | ·01 | | ·02 | | | ·02 | | 21 |
| 22 | ·29 | ·06 | | ·04 | ·36 | ·02 | ·02 | | | | ·01 | | 22 |
| 23 | ·44 | ·01 | | ·09 | ·16 | ·25 | ·02 | | ·01 | ·08 | ·31 | ·02 | 23 |
| 24 | ·21 | ·03 | | ·23 | ·52 | ·01 | | | | ·05 | ·04 | ·01 | 24 |
| 25 | ·05 | | | ·25 | ·05 | | ·09 | | | | ·03 | | 25 |
| 26 | ·04 | | | ·05 | | | | | | | ·52 | | 26 |
| 27 | ·04 | | ·01 | ·12 | | | ·05 | | | ·05 | ·13 | ·03 | 27 |
| 28 | ·26 | ·03 | ·03 | ·06 | ·40 | | | | ·03 | | | ·09 | 28 |
| 29 | ·35 | | ·03 | | ·09 | | ·12 | | | ·37 | ·03 | ·04 | 29 |
| 30 | ·03 | × | | | ·70 | ·01 | | | | | | | 30 |
| 31 | ·47 | × | | × | ·01 | × | ·57 | | × | | × | ·03 | 31 |
| TOTAL | 2·93 | 2·17 | ·91 | 3·36 | 3·12 | 4·10 | 5·07 ~~4·07~~ | 4·17 | 2·72 | ·95 | 3·40 | 1·91 | YEAR'S TOTAL 34·81 |
| *Days with ·01 in. or more. | 19 | 23 | 11 | 21 | 17 | 22 | 21 | 15 | 13 | 14 | 24 | 15 | 215 |
| *Days with ·04 in. or more. | 13 | 10 | 7 | 19 | 15 | 14 | 15 | 8 | 4 | 7 | 17 | 7 | 139 |

40-9999

M

*See Instruction 2 (I) on other side.

(Signed) ~~S. H. Barnard~~ The Bursar

T.O.

306 3511

Section **A** for the entry observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Barnard Castle, County School

*in the County of* Durham

July corrected for arithmetic error D.I. sent to Observer

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | 01 | 04 | 04 | | | | | ·11 | 02 | | | 1 |
| 2 | | 08 | | 59 | | 85 | | | 1·34 | 02 | 01 | 43 | 2 |
| 3 | | 01 | | 01 | | 14 | 03 | | ·77 | | 91 | 47 | 3 |
| 4 | | 10 | | 20 | | 01 | 03 | | ·20 | | 05 | 32 | 4 |
| 5 | | 01 | | | 05 | 63 | 14 | 02 | | | | 34 | 5 |
| 6 | | 15 | | | | 36 | 87 | 41 | ·02 | 02 | 04 | 01 | 6 |
| 7 | | | 10 | | | 29 | 1·42 | 31 | | 07 | 16 | 01 | 7 |
| 8 | | 01 | 26 | 01 | 18 | 06 | 56 | 02 | ·02 | 13 | 15 | | 8 |
| 9 | 03 | 21 | 20 | 05 | 06 | 06 | 11 | 10 | | 02 | 17 | 01 | 9 |
| 10 | 01 | 07 | 05 | | 03 | 14 | 06 | 02 | | | 15 | | 10 |
| 11 | 05 | 84 | | 06 | | 08 | 09 | | ·04 | | 04 | | 11 |
| 12 | 17 | 03 | | | | 02 | 20 | | | 09 | 01 | | 12 |
| 13 | | | 10 | | 08 | 02 | 01 | 13 | ·01 | | | | 13 |
| 14 | | 01 | 08 | | 04 | 56 | 39 | 1·40 | | | 21 | 08 | 14 |
| 15 | 02 | 11 | | 23 | 06 | 02 | 21 | 17 | | | 05 | | 15 |
| 16 | 33 | 15 | | 32 | 26 | | | 73 | ·09 | | | | 16 |
| 17 | | 16 | | 36 | | 05 | 07 | 01 | ·01 | 01 | 05 | | 17 |
| 18 | 11 | 03 | | 41 | | 35 | | 01 | | 01 | 22 | | 18 |
| 19 | 02 | 02 | | 10 | | 16 | 01 | 81 | ·07 | 01 | 01 | | 19 |
| 20 | | 02 | | 06 | | | | 01 | | | 08 | 02 | 20 |
| 21 | 01 | 02 | 01 | 08 | 07 | 01 | | 02 | | | 02 | | 21 |
| 22 | 29 | 06 | | 04 | 36 | 02 | 02 | | | | 01 | | 22 |
| 23 | 44 | 01 | | 09 | 16 | 25 | 02 | | ·01 | 08 | 31 | 02 | 23 |
| 24 | 21 | 03 | | 23 | 52 | 01 | | | | 05 | 04 | 01 | 24 |
| 25 | 05 | | | 25 | 05 | | 09 | | | | 03 | | 25 |
| 26 | 04 | | | 05 | | | | | | | 52 | | 26 |
| 27 | 04 | | 01 | 12 | | | 05 | | | 05 | 13 | 03 | 27 |
| 28 | 26 | 03 | 03 | 06 | 40 | | | | ·03 | | | 09 | 28 |
| 29 | 35 | | 03 | | 09 | | 12 | | | 37 | 03 | 04 | 29 |
| 30 | 03 | × | | | 70 | 01 | | | | | | | 30 |
| 31 | 47 | × | | × | 01 | × | 57 | | × | | × | 03 | 31 |
| TOTAL | 2·93 | 2·17 | ·91 | 3·36 | 3·12 | 4·10 | ~~4·07~~ 5·07 | 4·17 | 2·72 | ·95 | 3·40 | 1·91 | YEAR'S TOTAL 34·81 |
| *Days with ·01 in. or more. | 19 | 23 | 11 | 21 | 17 | 22 | 21 | 15 | 13 | 14 | 24 | 15 | 215 |
| *Days with ·04 in. or more. | 13 | 10 | 7 | 19 | 15 | 14 | 15 | 8 | 4 | 7 | 17 | 7 | 139 |

40-9999 M

*See Instruction 2 (A) on other side.

*(Signed)* ~~S. H. Barnard~~ The Bursar

P.T.O.

3511

**Section** **A** for the entry of Daily Observations. **COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Barnard Castle, County School

*in the County of* Durham 1

Diameter of Funnel of Gauge............in.

Height of top of Gauge above Ground............ft............in.

,, Ground ,, Sea Level............ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | | ·16 | ·17 | | | ·06 | ·53 | ·07 | ·05 | ·15 | 1 |
| 2 | ·21 | | | | ·58 | | ·04 | | ·23 | ·07 | ·02 | ·17 | 2 |
| 3 | ·05 | | | ·09 | | | ·01 | | ·02 | ·02 | ·01 | ·15 | 3 |
| 4 | ·05 | | | ·01 | ·07 | | ·25 | | | | | | 4 |
| 5 | ·47 | ·01 | ·10 | ·07 | ·13 | | | | ·08 | | | | 5 |
| 6 | ·19 | | ·09 | ·28 | | | | ·01 | ·01 | | | ·04 | 6 |
| 7 | | | ·24 | ·13 | ·13 | ·02 | | | ·04 | ·45 | | | 7 |
| 8 | | ·03 | ·01 | ·03 | ·17 | | | | ·25 | ·56 | ·07 | ·01 | 8 |
| 9 | ·48 | ·13 | ·01 | ·53 | ·16 | | | | ·02 | ·12 | ·03 | ·08 | 9 |
| 10 | ·23 | ·11 | ·02 | ·06 | ·01 | | | ·02 | ·42 | ·34 | | ·08 | 10 |
| 11 | ·03 | ·27 | ·03 | ·03 | ·28 | ·05 | ·46 | | ·01 | ·05 | ·02 | | 11 |
| 12 | ·28 | ·02 | | | ·07 | | ·06 | | | ·18 | ·08 | | 12 |
| 13 | ·07 | ·05 | | ·12 | ·03 | | ·03 | ·06 | ·42 | ·06 | ·04 | ·05 | 13 |
| 14 | ·20 | | | ·03 | | | ·02 | | ·01 | ·02 | ·06 | ·01 | 14 |
| 15 | ·11 | | | ·05 | ·25 | | | | | | ·12 | ·04 | 15 |
| 16 | ·42 | | | | ·01 | | | | | ·02 | ·02 | ·26 | 16 |
| 17 | ·01 | | | ·04 | | | ·04 | | ·02 | ·25 | | ·01 | 17 |
| 18 | | | | | ·04 | | | | | | ·02 | | 18 |
| 19 | | ·01 | ·01 | ·15 | ·10 | | | ·01 | ·06 | ·08 | ·01 | | 19 |
| 20 | | | ·03 | ·17 | ·29 | | ·03 | ·49 | | ·20 | | ·01 | 20 |
| 21 | | | ·38 | | ·48 | | ·03 | ·43 | | ·78 | ·02 | ·08 | 21 |
| 22 | | | ·19 | ·13 | ·01 | | ·50 | | | ·06 | ·23 | ·02 | 22 |
| 23 | | ·03 | ·03 | ·08 | ·02 | | ·11 | | ·02 | ·03 | ·20 | ·04 | 23 |
| 24 | | | ·01 | | ·03 | | ·39 | | ·12 | | ·02 | | 24 |
| 25 | | ·01 | | ·17 | ·14 | | ·02 | ·01 | ·09 | ·24 | ·05 | | 25 |
| 26 | | ·02 | | | ·11 | | ·07 | | ·07 | ·13 | ·28 | | 26 |
| 27 | | | ·17 | ·05 | ·04 | ·45 | ·13 | | | ·09 | ·08 | | 27 |
| 28 | | | ·06 | ·38 | ·37 | ·28 | ·15 | | | ·03 | ·01 | | 28 |
| 29 | ·01 | | ·27 | ·08 | ·04 | | ·53 | ·75 | ·08 | ·14 | ·15 | ·11 | 29 |
| 30 | | × | ·03 | ·03 | | ·48 | ·01 | ·03 | ·32 | ·14 | ·13 | ·04 | 30 |
| 31 | | × | | × | | × | ·33 | ·03 | × | ·01 | × | ·02 | 31 |
| TOTAL | 2·83 | ·69 | 1·68 | 2·87 | 3·73 | 1·28 | 3·21 | 1·90 | 2·82 | 4·14 | 1·72 | 1·37 | YEAR'S TOTAL 28·24 |
| *Days with ·01 in. or more. | 16 | 11 | 17 | 23 | 25 | 5 | 20 | 11 | 20 | 25 | 23 | 19 | 215 |
| *Days with ·04 in. or more. | 12 | 4 | 8 | 18 | 19 | 4 | 13 | 5 | 13 | 19 | 13 | 13 | 141 |

40-9999 M

*See Instruction 2 (f) on other side.

(Signed)............

P.T.O.

K7

3511

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Barnard Castle School

*in the County of* Durham

Diameter of Funnel of Gauge 5½ in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 550 approx ft.

File No 625347/25

24.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·13 | ·09 | ·12 | | | | | | | | ·06 | ·01 | 1 |
| 2 | ·25 | | ·15 | ·02 | | ·15 | | | | | ·31 | ·02 | 2 |
| 3 | ·02 | ·12 | ·25 | ·01 | ·42 | | | | | | ·19 | | 3 |
| 4 | ·36 | ·13 | ·10 | | ·05 | | | | | | ·02 | | 4 |
| 5 | ·13 | ·09 | ·10 | | ·23 | | | | | | ·01 | | 5 |
| 6 | ·01 | ·05 | ·07 | ·02 | ·77 | | | | | | ·01 | ·07 | 6 |
| 7 | ·01 | ·08 | ·02 | | ·02 | | | | ·01 | ·37 | | | 7 |
| 8 | ·02 | ·01 | ·04 | ·04 | ·03 | | ·04 | | | | | ·13 | 8 |
| 9 | | ·56 | | | ·03 | ·02 | ·05 | | | ·18 | ·05 | ·02 | 9 |
| 10 | ·02 | ·05 | | | | ·11 | ·03 | | | ·33 | ·02 | ·04 | 10 |
| 11 | | ·01 | | | ·09 | | ·05 | | | ·25 | | | 11 |
| 12 | | | | | | ·23 | ·07 | | | | | ·12 | 12 |
| 13 | ·01 | | ·02 | | ·10 | | ·22 | ·22 | | ·13 | ·04 | | 13 |
| 14 | ·14 | | ·02 | | ·01 | | ·05 | ·01 | | | ·44 | ·03 | 14 |
| 15 | ·11 | | ·11 | | | | ·30 | | | ·37 | ·42 | ·05 | 15 |
| 16 | ·22 | | ·11 | ·09 | ·23 | ·04 | ·33 | ·01 | | ·04 | ·22 | ·01 | 16 |
| 17 | ·15 | ·07 | ·22 | ·06 | ·02 | ·02 | | ·01 | ·01 | | ·41 | | 17 |
| 18 | | ·14 | ·02 | ·13 | | ·88 | | | | | ·21 | ·01 | 18 |
| 19 | | ·01 | ·72 | | | ·08 | ·39 | | ·08 | | ·03 | | 19 |
| 20 | | | | ·01 | ·06 | ·29 | | | ·05 | ·03 | ·03 | | 20 |
| 21 | | ·02 | | | ·01 | ·01 | | ·09 | ·19 | ·05 | ·03 | | 21 |
| 22 | | | | | | | | | ·01 | ·60 | | ·02 | 22 |
| 23 | | ·21 | | | ·03 | ·02 | | ·01 | ·12 | ·06 | ·01 | | 23 |
| 24 | | ·76 | | ·25 | ·19 | ·35 | | | ·53 | ·02 | ·05 | ·14 | 24 |
| 25 | | 1·21 | | ·27 | ·10 | | | ·07 | ·60 | ·04 | | ·01 | 25 |
| 26 | | 1·20 | | ·05 | ·03 | | | | ·02 | ·10 | ·01 | ·02 | 26 |
| 27 | | ·09 | | | | | ·05 | | ·01 | ·06 | ·06 | ·01 | 27 |
| 28 | | ·02 | | ·05 | | | ·02 | ·56 | ·02 | ·35 | ·01 | ·10 | 28 |
| 29 | ·01 | | | ·18 | | | ·08 | ·02 | | ·24 | | ·01 | 29 |
| 30 | ·03 | X | | ·02 | | | ·03 | | ·09 | ·05 | | ·07 | 30 |
| 31 | ·34 | X | | X | | X | | | X | ·05 | X | ·05 | 31 |
| TOTAL | 1·96 | 4·92 | 2·07 | 1·20 | 2·42 | 2·20 | 1·71 | 1·00 | 1·74 | 3·32 | 2·64 | ·94 | YEAR'S TOTAL<br>26·12 |
| *Days with ·01 in. or more. | 17 | 20 | 15 | 14 | 18 | 12 | 14 | 9 | 13 | 19 | 22 | 20 | 193 |
| *Days with .04 in. or more. | 9 | 15 | 11 | 9 | 10 | 8 | 11 | 4 | 7 | 17 | 12 | 9 | 122 |

40-9999

*See Instruction 2 (*f*) on other side.

D

(*Signed*) A Taylor Bursar

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Barnard Castle School

*in the County of* Durham

Diameter of Funnel of Gauge 5½ in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 550 approx: ft.

File No 625347/25

24 TL

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | **Jan.** | **Feb.** | **Mar.** | **April** | **May** | **June** | **July** | **Aug.** | **Sept.** | **Oct.** | **Nov.** | **Dec.** | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| **1** | ·02 | ·01 | | | | | | | | | | ·25 | | **1** |
| **2** | | ·01 | ·06 | | | | | ·28 | ·15 | | ·08 | ·49 | | **2** |
| **3** | ·04 | ·01 | | | | | | ·61 | | ·35 | ·08 | ·07 | | **3** |
| **4** | ·05 | | ·08 | ·12 | | | | | ·02 | ·23 | ·01 | ·70 | | **4** |
| **5** | ·01 | | ·13 | ·08 | ·25 | | | ·11 | | ·06 | ·04 | ·31 | | **5** |
| **6** | ·01 | | ·02 | ·02 | ·53 | | | ·68 | ·08 | ·09 | | ·33 | | **6** |
| **7** | ·12 | ·08 | | ·16 | ·03 | ·05 | | | | ·01 | | ·29 | | **7** |
| **8** | | | | | ·23 | ·21 | | ·01 | ·01 | ·04 | ·01 | ·12 | | **8** |
| **9** | ·01 | | ·05 | ·29 | | | | ·04 | ·05 | | ·86 | ·02 | | **9** |
| **10** | ·04 | | ·43 | ·15 | | | | ·13 | | ·01 | ·52 | | | **10** |
| **11** | ·29 | | ·84 | 1·06 | | | | | | | ·02 | ·09 | | **11** |
| **12** | ·01 | | ·53 | ·25 | ·01 | | ·26 | ·08 | | | ·04 | ·11 | | **12** |
| **13** | ·45 | | ·03 | ·09 | ·01 | | ·50 | ·03 | ·01 | | ·03 | | | **13** |
| **14** | ·07 | | ·42 | ·01 | | ·27 | ·08 | | ·01 | ·21 | ·01 | ·11 | | **14** |
| **15** | ·04 | | ·04 | | ·25 | | | ·02 | | ·25 | ·06 | ·24 | | **15** |
| **16** | ·23 | | ·21 | | ·02 | | | | | | ·12 | | | **16** |
| **17** | ·25 | | ·05 | | ·04 | | ·34 | | ·12 | ·02 | | ·22 | | **17** |
| **18** | ·16 | | ·03 | | ·30 | | | | ·01 | | | ·10 | | **18** |
| **19** | | | ·10 | ·13 | ·01 | ·03 | ·01 | ·01 | ·06 | ·01 | ·01 | ·02 | | **19** |
| **20** | | | ·03 | ·03 | | ·02 | | ·06 | ·01 | | | | | **20** |
| **21** | | | | | ·01 | ·47 | | ·09 | ·26 | ·07 | | ·01 | | **21** |
| **22** | | | | | | ·08 | ·06 | ·23 | ·21 | ·22 | | | | **22** |
| **23** | | | ·07 | ·22 | | | ·02 | | | ·26 | | ·09 | | **23** |
| **24** | | | ·03 | ·15 | ·02 | ·27 | ·05 | | ·09 | ·60 | | ·03 | | **24** |
| **25** | ·03 | | | ·26 | ·03 | ·01 | ·04 | | ·16 | ·33 | | ·69 | | **25** |
| **26** | ·24 | | | ·41 | | ·06 | ·01 | | ·02 | ·28 | | ·01 | | **26** |
| **27** | | ·06 | | ·14 | | ·08 | ·01 | | ·01 | ·44 | | ·11 | | **27** |
| **28** | | | ·01 | ·28 | | ·09 | ·05 | ·22 | | ·02 | | ·44 | | **28** |
| **29** | | | ·01 | ·01 | | | ·03 | ·16 | ·40 | | | ·05 | | **29** |
| **30** | ·16 | × | ·07 | | | | ·12 | | ·06 | ·54 | | 11 | | **30** |
| **31** | ·04 | × | ·01 | × | | × | | | × | | × | 06 | | **31** |
| TOTAL | 2·27 | ·17 | 3·25 | 3·86 | 1·74 | 1·64 | 1·58 | 2·76 | 1·74 | 4·04 | 1·89 | 5·07 | Year's Total.<br>30·01<br>~~29·95~~ | |
| * Days with .01 in. or more. | 20 | 5 | 22 | 19 | 14 | 12 | 14 | 16 | 19 | 20 | 14 | 26 | 201 | |
| * Days with .04 in. or more. | 14 | 2 | 14 | 15 | 6 | 9 | 9 | 12 | 11 | 15 | 8 | 21 | 136 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) A Taylor Bursar

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

24

TL

Kept at Barnard Castle School

in the County of Durham

Diameter of Funnel of Gauge 5½ in.

Height of top of Gauge above Ground 1 ft 5 in.

,, Ground ,, Sea Level 550 approx ft.

File No 625347/25

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·29 | ·05 | ·11 | | | | ·06 | | ·15 | ·17 | ·04 | ·23 | | 1 |
| 2 | | | | ·01 | | ·05 | | | ·02 | ·61 | ·07 | ·01 | | 2 |
| 3 | ·01 | ·35 | ·10 | ·09 | | ·09 | | | ·25 | | ·33 | ·01 | | 3 |
| 4 | | | ·01 | ·02 | | ·33 | ·15 | | ·04 | ·63 | ·02 | | | 4 |
| 5 | ·02 | ·37 | | | | ·23 | | | ·26 | ·17 | | | | 5 |
| 6 | ·22 | ·04 | | | | ·14 | | | | ·16 | | | | 6 |
| 7 | ·12 | | | ·07 | | ·39 | | | | ·06 | ·21 | ·04 | | 7 |
| 8 | | | | ·18 | | ·12 | | | | ·02 | ·06 | ·04 | | 8 |
| 9 | | | ·01 | ·73 | | ·08 | | | | ·43 | ·22 | ·02 | | 9 |
| 10 | ·01 | | ·01 | ·18 | | ·03 | | | | ·35 | ·22 | | | 10 |
| 11 | ·30 | ·02 | | ·02 | | ·09 | | ·18 | | ·09 | ·15 | ·08 | | 11 |
| 12 | | ·01 | | | | ·01 | | | | ·01 | ·02 | ·01 | | 12 |
| 13 | ·12 | ·09 | | ·19 | ·19 | | | | ·13 | | | | | 13 |
| 14 | | | ·10 | ·13 | ·16 | ·04 | ·22 | | ·23 | | ·45 | ·04 | | 14 |
| 15 | | ·64 | | ·38 | ·09 | | | | ·23 | ·02 | ·01 | ·13 | | 15 |
| 16 | | ·60 | ·07 | ·32 | ·20 | | ·01 | ·15 | ·61 | | ·56 | | | 16 |
| 17 | | ·03 | | ·10 | ·01 | ·20 | | 1·07 | ·07 | ·02 | 1·05 | | | 17 |
| 18 | ·01 | ·03 | | ·02 | | ·10 | ·05 | | ·07 | ·38 | ·04 | | | 18 |
| 19 | | ·06 | | ·04 | | ·25 | ·12 | | ·03 | ·35 | ·13 | | | 19 |
| 20 | | ·47 | | ·34 | | ·14 | ·04 | | | | ·61 | | | 20 |
| 21 | | ·46 | | ·13 | | | | | 2·28 | ·08 | ·38 | ·01 | | 21 |
| 22 | | ·14 | ·33 | ·01 | | | | | | ·01 | ·07 | | | 22 |
| 23 | ·01 | | ·05 | ·04 | | | | ·29 | | ·15 | | | | 23 |
| 24 | ·14 | 1·27 | | | | | | | 1·08 | | | ·29 | | 24 |
| 25 | ·10 | ·06 | ·01 | | | ·03 | | | | ·02 | ·03 | ·20 | | 25 |
| 26 | ·12 | | | | | ·20 | ·02 | ·64 | ·35 | ·08 | ·04 | ·18 | | 26 |
| 27 | ·02 | ·16 | | | | | ·06 | | ·23 | ·25 | ·12 | ·02 | | 27 |
| 28 | ·02 | ·05 | | | | | | ·57 | ·05 | ·13 | ·11 | ·04 | | 28 |
| 29 | | | ·11 | | | ·05 | | ·02 | ·01 | ·17 | ·11 | ·07 | | 29 |
| 30 | | × | ·01 | | | ·30 | | ·01 | ·79 | ·65 | ·40 | ·02 | | 30 |
| 31 | ·01 | × | | × | | × | | | × | ·10 | × | ·27 | | 31 |
| TOTAL | 1·52 | 4·90 | ·92 | 3·00 | ·65 | 2·87 | ·73 | 2·93 | 6·88 | 5·11 | 5·45 | 1·71 | Year's Total<br>36·67 ✓ | |
| *Days with ·01 in. or more. | 16 | 19 | 12 | 19 | 5 | 20 | 9 | 8 | 19 | 25 | 25 | 19 | 196 ✓ | |
| *Days with ·04 in. or more. | 8 | 15 | 7 | 14 | 4 | 17 | 7 | 6 | 16 | 19 | 21 | 12 | 146 ✓ | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) A. Gayor Bursar [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

Kept at Barnard Castle School

in the County of Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Return generally a day early. Feb. a day late.
Altered for observation [illegible] to days
as before
Days
Cur
13.3.37

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following —

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | ·47 | ·03 | in. | ·33 | ·03 | ·25 | ·12 | — | in. | in. ·01 | | |
| 1 | (·08) | ·02 | ·11 | — | — | ·17 | ·04 | ·06 | — | — | ·01 | ·07 | | 1 |
| 2 | — | ·07 | — | — | — | ·81 | — | — | ·36 | — | — | ·03 | | 2 |
| 3 | ·24 | → | ·01 | — | — | ·01 | — | ·20 | ·20 | ·02 | ·09 | ·23 | | 3 |
| 4 | ·14 | ·01 | — | — | ·02 | ·01 | — | ·28 | — | ·01 | ·16 | ·20 | | 4 |
| 5 | ·10 | ·01 | — | — | ·02 | ·01 | ·14 | ·69 | ·33 | — | ·17 | — | | 5 |
| 6 | ·04 | — | ·03 | — | — | — | ·24 | — | ·10 | — | ·31 | ·02 | | 6 |
| 7 | ·09 | — | ·36 | — | — | — | — | — | — | ·03 | ·08 | — | | 7 |
| 8 | 1·26 | — | ·19 | — | ·02 | — | — | — | ·05 | ·09 | ·12 | — | | 8 |
| 9 | ·29 | — | — | ·01 | — | — | ·13 | — | — | — | ·10 | — | | 9 |
| Total 3 days 10 | ~~[illegible]~~ | — | ·01 | ·10 | — | ·05 | ·01 | ·10 | ·05 | — | ·90 | ·01 | | 10 |
| Entry repeated 11 | ~~·29~~ | — | — | ·36 | — | ·26 | ·08 | ·05 | ·42 | → | ·24 | ·15 | | 11 |
| 12 | — | — | — | ·13 | ·05 | ·03 | — | — | — | ·02 | ·01 | 1·25 | | 12 |
| 13 | — | — | — | ·10 | — | ·18 | ·05 | ·08 | 1·44 | — | ·08 | ·67 | | 13 |
| 14 | — | — | 7 | ·06 | ·02 | ·02 | — | ·05 | ·04 | ·01 | ·27 | ·24 | | 14 |
| 15 | — | — | — | ·01 | — | — | ·04 | — | — | ·02 | ·39 | ·06 | | 15 |
| 16 | ·02 | — | — | ·05 | ·08 | — | ·24 | — | — | ·13 | ·26 | ·17 | | 16 |
| 17 | ·03 | — | — | ·01 | — | — | — | ·12 | — | ·14 | ·04 | ·08 | | 17 |
| 18 | ·02 | ·60 | — | — | — | — | ·16 | ·02 | — | ·05 | — | — | | 18 |
| 19 | — | ·06 | — | — | — | — | ·26 | — | — | — | — | — | | 19 |
| 20 | ·76 | ·10 | ·03 | — | — | ·93 | — | — | — | ·01 | — | ·04 | | 20 |
| 21 | ·10 | ·10 | ·03 | — | ·02 | ·29 | — | — | — | — | — | — | | 21 |
| 22 | — | ·02 | ·04 | ·01 | ·27 | — | ·63 | — | — | — | — | — | | 22 |
| 23 | ·04 | ·46 | — | — | 1·07 | — | ·06 | — | ·29 | ·35 | — | — | | 23 |
| 24 | — | ·15 | ·05 | — | — | — | — | — | ·66 | ·39 | — | — | | 24 |
| 25 | ·13 | ·14 | ·70 | — | — | — | — | — | (·69 ~~·90~~) | ·63 | — | — | | 25 |
| 26 | ·33 | — | ·11 | — | — | — | ·21 | — | ·11 | ·36 | — | — | | 26 |
| 27 | ·03 | ·06 | ·09 | — | — | — | ·02 | — | — | — | ·01 | — | | 27 |
| 28 | ·16 | — | ·12 | — | ·77 | ·74 | ·05 | — | — | ·10 | — | — | | 28 |
| 29 | ·16 | ·67 | ·01 | — | (·30 ~~·23~~) | ·10 | ·10 | — | — | ·30 | — | ·03 | | 29 |
| 30 | ·14 | ·50 | ·12 | — | — | ~~·03~~ | — | — | — | — | ~~·01~~ | ·21 | | 30 |
| 31 | ·02 | ~~[illegible]~~ | ~~·03~~ | | ~~·33~~ | | ~~·25~~ | ~~·12~~ | | ~~·01~~ | | ~~·08~~ | | 31 |
| TOTAL | 4·18 ~~6·57~~ | 2·95 ~~3·44~~ | 2·48 ~~2·02~~ | ·87 ~~·84~~ | 2·64 ~~2·70~~ | 3·94 ~~3·64~~ | 2·49 ~~2·71~~ | 1·90 ~~1·77~~ | 4·77 ~~4·15~~ | 2·66 | 3·24 | 3·47 ~~3·54~~ | Year's Total ~~37·25~~ | ✓ ✓ |
| * Days with .01 in. or more. | 21 | 14 ~~16~~ | 17 | 11 ~~10~~ | 11 ~~12~~ | 15 | 18 | 11 | 14 ~~13~~ | 17 ~~18~~ | 17 | 17 | 183 ~~187~~ | ✓ |
| * Days with .04 in. or more. | 16 ~~17~~ | 11 ~~12~~ | 11 ~~10~~ | 6 | 6 | 10 ~~9~~ | 15 ~~16~~ | 10 | 14 ~~15~~ | 10 | 14 | 12 ~~13~~ | 135 ~~136~~ | ✓ |

40-9999 4·18 2·95 2·48 ·87 2·64 3·94 2·49 1·90 4·77 2·66 3·24 3·47 35·59.

183

135.

† Spare column, no entries required.

(Signed) ..........................

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Barnard Castle School

*in the County of* Durham

Diameter of Funnel of Gauge 5½ in.

Height of top of Gauge above Ground 1 ft. 5 in.

,, Ground ,, Sea Level 550 approx ft.

File No 625347/25

apparently already thrown back 2 days — ∴ bring down 1 day

Dec 1960

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·07 | ·02<br>·14 | ·07<br>·02 | ·78 | — | ·03 | ·01 | — | ·16<br>·02 | ·01 | ·01<br>— | ·32<br>·16 | | 1 |
| 2 | — | ·11 | ·02 | ·10 | ·11 | ·08 | ·21 | — | — | — | ·01 | ·20 | | 2 |
| 3 | ·34 | ·02 | ·07 | ·21 | ·01 | — | ·10 | ·67 | — | — | — | ·12 | | 3 |
| 4 | ·23 | ·02 | ·10 | ·14 | ·03 | — | ·10 | — | ·21 | — | — | ·22 | | 4 |
| 5 | ·07 | — | ·08 | ·05 | ·14 | — | — | — | — | ·01 | ·18 | ·07 | | 5 |
| 6 | — | ·47 | ·08 | ·03 | ·21 | ·07 | — | — | ·03 | ·01 | ·22 | ·11 | | 6 |
| 7 | ·01 | ·27 | ·08 | ·02 | — | ·05 | ·15 | ·01 | — | — | ·01 | ·17 | | 7 |
| 8 | — | ·05 | ·03 | ·14 | ·07 | — | ·32 | ·03 | — | — | — | ·11 | | 8 |
| 9 | — | ·15 | ·02 | — | ·23 | ·07 | — | — | — | — | ·13 | ·37 | | 9 |
| 10 | — | — | 1·09 | ·07 | ·12 | — | — | — | — | — | — | ·28 | | 10 |
| 11 | ·27 | ·15 | 1·10 | ·23 | ·03 | ·16 | — | ·08 | ·11 | — | — | ·34 | | 11 |
| 12 | — | ·06 | ·06 | ·01 | ·06 | ·17 | — | ·10 | ·05 | — | — | ·08 | | 12 |
| 13 | — | — | — | — | — | ·01 | — | ·29 | — | — | — | ·22 | | 13 |
| 14 | ·16 | ·38 | — | ·13 | — | — | ·25 | ·02 | ·08 | — | — | ·15 | | 14 |
| 15 | ·02 | ·19 | ·56 | ·30 | — | ·21 | — | ·09 | — | — | ·01 | ·22 | | 15 |
| 16 | ·29 | ·01 | ·16 | ·16 | ·02 | ·03 | — | — | ·54 | — | — | ·02 | | 16 |
| 17 | — | ·08 | ·01 | ·02 | ·01 | ·16 | — | ·11 | — | — | ·34 | — | | 17 |
| 18 | ·02 | ·13 | ·03 | ·05 | — | ·05 | — | ·01 | ·23 | — | ·84 | — | | 18 |
| 19 | ·41 | ·02 | ·06 | ·04 | ·90 | ·01 | — | — | — | — | — | ·02 | | 19 |
| 20 | ·06 | ·01 | ·01 | ·04 | ·13 | — | ·32 | — | — | — | — | ·07 | | 20 |
| 21 | ·07 | — | ·27 | — | ·03 | — | — | — | — | ·03 | ·03 | ·01 | | 21 |
| 22 | ·34 | — | — | — | ·17 | — | ·21 | — | — | ·75 | ·07 | — | | 22 |
| 23 | ·21 | ·12 | — | — | ·06 | — | ·01 | — | ·09 | ·24 | ·01 | — | | 23 |
| 24 | ·18 | ·58 | — | — | — | — | — | ·12 | — | ·26 | — | — | | 24 |
| 25 | ·03 | ·16 | ·01 | — | ·47 | — | — | — | ·02 | — | ·02 | — | | 25 |
| 26 | — | ·40 | ·07 | ·09 | — | — | — | — | — | ·62 | — | ·01 | | 26 |
| 27 | ·16 | ·25 | ·01 | — | — | — | — | — | — | ·22 | — | — | | 27 |
| 28 | ·22 | ·07 | — | — | — | — | — | — | — | ·11 | ·01 | ·03 | | 28 |
| 29 | ·26 | ~~·02~~ | — | — | — | ·02 | — | — | — | ·01 | — | ·02 | | 29 |
| 30 | ·70 | × | — | — | — | — | — | ·01 | ·01 | ·19 | ·33 | — | | 30 |
| 31 | ·02 | × | — | × | — | × | — | ·16 | × | ·01 | × | ·01 | | 31 |
| TOTAL | 4·14 | 3·84 | 3·94 | 2·61 | 2·80 | 1·12 | 1·68 | 1·70 | 1·39 | 2·46 | 2·21 | 3·01 | Year's Total<br>30·90 | |
| * Days with ·01 in. or more. | 22 | 23 | 22 | 19 | 18 | 14 | 10 | 13 | 11 | 12 | 14 | 23 | 201 | |
| * Days with ·04 in. or more. | 17 | 18 | 13 | 15 | 12 | 9 | 8 | 8 | 7 | 7 | 7 | 16 | 137 | |

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) E.E. Arrow Smith

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3511

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

corrected for W.D. wrong way. Pl. correct monthly totals GB

*Kept at* Barnard Castle School

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

~~Days~~

~~Totals~~ 625347/25

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in.<br>— | in.<br>26 | in.<br>— | in.<br>— | in.<br>·01 | in.<br>1·51 | in.<br>·42 | in.<br>— | in.<br>·03 | in. | in.<br>·35 | in.<br>·20 | | |
| 1 | ·03 | ·02 | — | ·19 | — | — | — | — | — | ·85 | ·32 | ·03 | | 1 |
| 2 | ·01 | ·01 | — | — | — | — | ·04 | — | ·03 | 1·52 | ·15 | — | | 2 |
| 3 | ·04 | — | — | ·01 | — | — | — | — | — | ·43 | — | ·36 | | 3 |
| 4 | — | ·01 | ·07 | - | — | — | ·12 | ·39 | ·05 | ·14 | — | ·04 | | 4 |
| 5 | ·21 | — | — | — | — | ·13 | ·08 | — | — | ·12 | — | ·01 | | 5 |
| 6 | ·02 | — | — | — | — | — | ·75 | ·15 | ·29 | ·34 | — | — | | 6 |
| 7 | ·29 | — | — | — | — | ·01 | ·14 | ·04 | — | ·64 | ·02 | ·32 | | 7 |
| 8 | ·03 | ·27 | — | — | ·06 | ·10 | ·03 | ·02 | — | ·06 | — | ·52 | | 8 |
| 9 | — | — | — | — | — | ·12 | ·02 | — | — | ·07 | — | ·07 | | 9 |
| 10 | ·11 | — | — | — | — | ·05 | — | — | — | ·06 | ·10 | ·11 | | 10 |
| 11 | ·29 | ·02 | — | — | ·07 | — | ·02 | ·07 | — | ·25 | ·36 | ·01 | | 11 |
| 12 | ·12 | ·17 | — | — | ·02 | — | — | — | ·34 | ·08 | ·18 | ·26 | | 12 |
| 13 | ·44 | ·04 | — | — | ·05 | — | — | — | — | - | ·01 | ·05 | | 13 |
| 14 | ·36 | ·02 | ·01 | — | — | — | ·21 | ·08 | ·01 | ·03 | — | ·63 | | 14 |
| 15 | ·31 | ·01 | ·01 | — | ·69 | — | ·27 | ·12 | ·03 | — | ·02 | ·08 | | 15 |
| 16 | — | - | — | — | ·39 | — | — | ·02 | ·05 | ·20 | - | ·02 | | 16 |
| 17 | ·06 | ·02 | — | — | ·03 | — | — | — | ·09 | ·08 | ·36 | ·02 | | 17 |
| 18 | — | ·01 | ·12 | — | — | — | — | ·16 | ·06 | — | ·14 | ·34 | | 18 |
| 19 | ·01 | — | ·11 | — | — | — | — | ·11 | ·03 | — | ·02 | ·35 | | 19 |
| 20 | — | — | ·02 | ·02 | — | — | — | ·14 | — | — | ·07 | ·05 | | 20 |
| 21 | ·01 | ·01 | — | — | — | ·08 | — | ·08 | — | — | ·27 | ·14 | | 21 |
| 22 | ·01 | — | — | — | ·12 | ·03 | — | ·01 | ·01 | ·01 | ·31 | ·12 | | 22 |
| 23 | ·21 | — | ·03 | — | — | ·03 | ·03 | ·47 | ·18 | ·27 | ·09 | ·03 | | 23 |
| 24 | ·04 | ·01 | ·07 | — | ·01 | — | ·29 | — | — | ·47 | ·25 | ·10 | | 24 |
| 25 | ·01 | ·30 | ·02 | — | — | ·09 | — | — | ·05 | ·05 | — | — | | 25 |
| 26 | ·02 | ·05 | — | ·03 | ·29 | ·27 | ·20 | ·22 | ·03 | ·07 | ·15 | — | | 26 |
| 27 | ·25 | ·04 | — | — | ·91 | ·41 | ·06 | ·07 | ·02 | — | ·01 | ·06 | | 27 |
| 28 | ·07 | — | ·01 | ·01 | ·48 | ·02 | ·01 | ·03 | ·03 | — | ·22 | ·03 | | 28 |
| 29 | ·08 | — | — | — | ·07 | — | ·01 | ·48 | ·28 | — | ·46 | ·02 | | 29 |
| 30 | ·48 | ✕ | — | ·01 | ·20 | ·42 | — | ·06 | — | ·12 | ·20 | ·60 | | 30 |
| 31 | ·26 | ✕ | — | ✕ | 1·51 | ✕ | — | ·03 | ✕ | ·35 | ✕ | ·27 | | 31 07 |
| TOTAL | ~~3·77~~ 3·51 | ~~1·04~~ 1·27 | ·47 | ·2~~7~~ 6 | ~~4·90~~ ~~3·4~~ | ~~1·76~~ 2·85 | 2·~~38~~ 70 | 2·7~~5~~ 7 | 1·~~58~~ 61 | ~~6·21~~ 5·86 | 3·~~71~~ 86 | 4·~~63~~ 56 | Year's Total | 33·~~34~~ |
| | 26 | 16 | 10 | 6 | 15 | 13 | 16 | 20 | 17 | 22 | 21 | 27 | 209 | |
| * Days with .01 in. or more. | ↓<br>— | | | | | | | | | | | | | |
| * Days with .04 in. or more. | 17 | 6 | 4 | 1 | 12 | 9 | 10 | 15 | 9 | 20 | 16 | 19 | 138 | |

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*Kept at* Barnard Castle School

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Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ..................ft.

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| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·06 | — | ·01 | — | — | — | ·05 | ·91 | ·99 | ·08 | ·03 | ·07 | | 1 |
| 2 | — | — | ·03 | ·23 | — | — | ·03 | ·18 | — | ·04 | ·09 | ·15 | | 2 |
| 3 | ·12 | — | ·21 | ·09 | — | — | ·37 | — | ·03 | ·15 | ·17 | ·09 | | 3 |
| 4 | — | — | ·09 | — | ·06 | — | ·29 | ·17 | — | ·24 | ·50 | ·09 | | 4 |
| 5 | ·22 | — | ·05 | — | — | — | ·46 | — | — | ·02 | ·01 | — | | 5 |
| 6 | ·10 | ·04 | ·29 | — | — | — | ·01 | — | — | ·03 | ·08 | ·02 | | 6 |
| 7 | ·53 | ·23 | ·20 | ·01 | — | — | ·17 | ·02 | — | — | ·19 | ·35 | | 7 |
| 8 | ·40 | ·06 | — | — | — | — | ·19 | ·09 | — | 1·18 | ·18 | ·10 | | 8 |
| 9 | ·24 | ·01 | ·01 | — | — | ·09 | — | ·16 | ·14 | ·02 | — | ·01 | | 9 |
| 10 | ·23 | ·12 | ·12 | — | ·03 | ·19 | — | ·01 | — | ·47 | ·05 | ·02 | | 10 |
| 11 | ·01 | ·29 | — | — | — | — | — | — | — | ·89 | ·02 | ·02 | | 11 |
| 12 | ·03 | — | — | ·07 | ·12 | ·03 | ·02 | — | — | ·46 | ·01 | — | | 12 |
| 13 | ·63 | ·01 | ·02 | ·02 | ·17 | ·33 | ·47 | — | — | ·10 | ·57 | — | | 13 |
| 14 | ·37 | — | — | ·03 | ·03 | ·25 | ·18 | — | — | ·03 | ·12 | ·04 | | 14 |
| 15 | ·13 | ·01 | ·23 | ·01 | ·32 | — | ·03 | — | — | — | ·02 | — | | 15 |
| 16 | ·28 | ·03 | ·02 | ·22 | ·02 | ·01 | ·06 | — | — | — | — | — | | 16 |
| 17 | ·54 | ·02 | ·05 | — | — | ·08 | ·05 | — | ·02 | ·12 | ·60 | — | | 17 |
| 18 | ·17 | — | — | — | — | ·14 | ·11 | — | ·01 | — | — | ·03 | | 18 |
| 19 | — | — | — | — | — | ·07 | — | ·92 | ·02 | — | — | — | | 19 |
| 20 | ·18 | ·17 | ·07 | ·06 | — | — | — | ·47 | ·02 | — | — | — | | 20 |
| 21 | ·23 | ·52 | ·02 | — | — | — | — | — | — | — | ·02 | ·01 | | 21 |
| 22 | ·04 | ·10 | — | ·04 | — | ·04 | — | — | — | — | — | — | | 22 |
| 23 | ·01 | ·01 | ·15 | ·09 | — | — | ·05 | ·06 | — | — | ·03 | — | | 23 |
| 24 | ·28 | ·02 | ·12 | ·01 | — | ·09 | — | ·28 | — | — | ·49 | ·06 | | 24 |
| 25 | ·11 | ·16 | ·04 | ·01 | — | ·08 | — | ·21 | ·02 | ·32 | ·18 | — | | 25 |
| 26 | ·16 | ·35 | ·69 | ·02 | — | ·13 | ·07 | ·23 | — | ·34 | ·23 | — | | 26 |
| 27 | ·24 | ·23 | ·63 | ·11 | — | ·02 | ·09 | ·03 | — | ·02 | ·22 | ·02 | | 27 |
| 28 | ·02 | ·10 | ·05 | — | — | ·23 | ·62 | — | — | ·77 | ·06 | — | | 28 |
| 29 | ·02 | — | — | — | — | ·07 | ·03 | ·02 | — | ·07 | ·40 | — | | 29 |
| 30 | — | ✕ | — | — | — | ·12 | ·11 | ·01 | ·46 | ·07 | ·03 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | ·01 | — | ✕ | ·01 | ✕ | — | | 31 |
| TOTAL | 5·35 | 2·48 | 3·10 | 1·02 | ·75 | 1·97 | 3·47 | 3·77 | 1·71 | 5·43 | 4·30 | 1·08 | Year's Total<br>34·43 | ✓ |
| * Days with .01 in. or more. | 26 | 19 | 21 | 15 | 7 | 17 | 22 | 16 | 9 | 21 | 24 | 15 | 212 | ✓ |
| * Days with .04 in. or more. | 21 | 13 | 15 | 8 | 4 | 14 | 16 | 11 | 3 | 15 | 16 | 8 | 144 | ✓ |

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# REGISTER OF RAINFALL IN 1940

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Diameter of Funnel of Gauge..................in.

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Totals ✓

625347/25

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Jan. 1, following

S = Snow

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | ·01 S | — | ·23 | — | — | — | — | — | — | ·38 | ·03 | | 1 |
| 2 | — | ·28 S | — | ·10 | — | — | ·04 | — | — | ·02 | — | ·02 | | 2 |
| 3 | — | ·19 | — | ·02 | — | — | ·18 | — | — | ·09 | ·11 | ·08 | | 3 |
| 4 | — | ·02 | — | — | ·06 | — | ·02 | — | — | ·08 | ·03 | ·52 | | 4 |
| 5 | ·02 | ·7 | — | — | — | — | — | — | — | ·70 | ·08 | ·18 | | 5 |
| 6 | ·05 | ·42 | — | ·01 | ·10 | — | — | ·05 | ·03 | ·10 | — | ·02 | | 6 |
| 7 | ·01 | ·01 | — | ·02 | — | — | — | ·04 | — | ·31 | ·02 | ·06 | | 7 |
| 8 | — | — | ·03 | — | — | — | ·39 | ·05 | ·01 | ·49 | ·43 | ·03 | | 8 |
| 9 | — | — | ·04 | — | — | — | ·79 | — | — | ·01 | ·29 | ·03 | | 9 |
| 10 | — | ·03 S | ·20 | — | — | — | ·85 | — | — | — | ·39 | — | | 10 |
| 11 | — | ·01 S | ·88 | — | — | — | — | ·01 | ·23 | — | ·01 | — | | 11 |
| 12 | — | ·06 S | ·08 | — | — | — | ·03 | — | ·06 | — | ·07 | — | | 12 |
| 13 | — | ·16 S | ·02 | ·22 | ·06 | — | ·28 | — | ·06 | ·04 | — | ·21 | | 13 |
| 14 | ·02 S | — | ·06 | — | ·18 | — | — | — | — | — | ·19 | ·03 | | 14 |
| 15 | ·11 S | — | — | — | — | — | ·14 | — | ·61 | ·45 | ·07 | ·01 | | 15 |
| 16 | — | — | ·30 | — | — | — | 1·11 | — | ·15 | ·03 | ·69 | ·01 | | 16 |
| 17 | — | ·09 S | ·15 | ·26 | — | — | — | ·02 | ·15 | — | ·28 | ·06 | | 17 |
| 18 | ·02 | ·14 | ·13 | ·08 | — | — | ·33 | — | — | ·05 | ·28 | ·03 | | 18 |
| 19 | — | ·01 | ·08 | ·23 | — | — | ·11 | ·15 | ·12 | ·05 | ·10 | — | | 19 |
| 20 | ·11 S | — | ·01 | ·03 | — | ·16 | ·01 | — | — | ·15 | ·26 | — | | 20 |
| 21 | — | ·03 | ·05 | ·01 | ·07 | ·06 | — | — | ·02 | ·43 | — | — | | 21 |
| 22 | — | ·06 | ·03 | ·27 | — | — ~~·06~~ | ·04 | — | ·03 | ·03 | ·02 | ·01 | | 22 |
| 23 | ·12 | ·05 | — | ·09 | — | — | — | — | — | ·06 | ·01 | ·06 | | 23 |
| 24 | ·04 | ·01 | — | — | ·02 | ·04 | — | ·02 | — | ·08 | — | ·02 | | 24 |
| 25 | ·32 S | ·04 | ·01 | ·01 | ·17 | — | ·14 | ·14 | — | — | ·02 | — | | 25 |
| 26 | ·46 S | ·27 | ·01 | ·80 | — | — | ·09 | — | — | ·03 | — | — | | 26 |
| 27 | ·22 S | ·57 | — | ·02 | ·24 | — | — | — | — | — | — | — | | 27 |
| 28 | ·02 S | — | ·18 | ·03 | ·56 | — | ·02 | — | — | — | — | ·08 | | 28 |
| 29 | ·06 S | — | ·01 | ·03 | — | — | — | — | — | ·84 | — | ·55 | | 29 |
| 30 | ·15 S | ✕ | ·15 | ·05 | ·01 | — | — | — | — | ·20 | ·07 | ·07 | | 30 |
| 31 | ·02 S | ✕ | ·16 | ✕ | — | ✕ | — | — | ✕ | ·07 | ✕ | ·19 | | 31 |
| TOTAL | 1·75 | 2·53 | 2·58 | 2·51 | 1·47 | ·26 | 4·57 | ·48 | 1·47 | 3·77 | 3·80 | 2·30 | Year's Total<br>27·49 | |
| * Days with .01 in. or more. | 16 | 20 | 20 | 19 | 10 | 3 | 17 | 8 | 11 | 22 | 21 | 22 | 189 | |
| * Days with .04 in. or more. | 10 | 13 | 13 | 10 | 8 | 3 | 13 | 5 | 7 | 17 | 15 | 11 | 125 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) A. E. Arrowsmith

[P.T.O.

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LONG NEWTON RESERVOIR
1931 —— 40

780701

**Section** **A** for the entry
AIR MINIST

FOR OFFICIAL USE.
LL ORGANIZATION.

FORM 1090.

REGI

*Kept at* Long Newton

*in the County of* Durh

Diameter of Funnel of Gauge
Height of top of Gauge above Gro
,, Ground ,, Sea

**THE MORNING MEAS**

*An observer who does not conform* … *following*
*year in the space on the right of*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·01 | ·16 | — | — | — | — | — | ·24 | — | — | ·01 | 1 |
| 2 | ·01 | ·04 | — | ·58 | — | ·51 | — | — | ·74 | ·01 | — | ·28 | 2 |
| 3 | — | — | ·05 | ·09 | — | ·07 | ·13 | — | ·68 | — | ·22 | ·10 | 3 |
| 4 | ·03 | ·06 | — | ·04 | — | — | ·05 | — | 1·26 | — | ·08 | ·03 | 4 |
| 5 | — | ·04 | — | — | ·02 | ·52 | ·04 | ·10 | ·01 | — | ·01 | ·21 | 5 |
| 6 | — | — | ·06 | — | — | ·37 | ·83 | ·08 | ·01 | ·13 | — | — | 6 |
| 7 | — | ·09 | ·03 | — | — | ·08 | ·42 | ·15 | — | ·03 | ·32 | — | 7 |
| 8 | ·01 | — | ·12 ~~·11~~ | ·03 | ·12 | ·11 | ·52 | ·13 | — | — | ·07 | — | 8 |
| 9 | ·02 | ·08 | 34 ~~·23~~ | ·08 | ·05 | ·05 | ·07 | ·13 | — | — | ·20 | ·01 | 9 |
| 10 | — | ·01 | ·19·~~42~~ | — | ·08 | ·11 | — | — | — | — | ·16 | — | 10 |
| 11 | ·05 | ·22 | — | ·02 | — | ·02 | ·03 | — | — | — | — | — | 11 |
| 12 | ·07 | — | — | — | — | ·06 | 1·19 | ·36 | — | ·17 | — | — | 12 |
| 13 | — | — | ·10 | — | — | ·01 | ·01 | ·04 | — | — | — | — | 13 |
| 14 | ·06 | ·11 | ·03 | — | ·02 | ·63 | ·09 | ·50 | — | — | ·14 | ·04 | 14 |
| 15 | — | ·04 | — | ·20 | ·20 | ·01 | ·14 | ·57 | — | — | ·04 | — | 15 |
| 16 | ·02 | ·21 | — | ·07 | — | ·11 | ·03 | ·26 | ·33 | — | — | — | 16 |
| 17 | — | ·07 | — | ·59 | — | ·03 | ·06 | ·01 | ·01 | ·01 | — | — | 17 |
| 18 | ·12 | ·05 | — | ·30 | — | ·27 | ·34 | ·01 | — | — | ·38 | — | 18 |
| 19 | ·03 | ·03 | — | ·06 | — | ·07 | ·10 | ·98 | ·03 | ·01 | — | — | 19 |
| 20 | — | — | — | ·03 | — | ·02 | — | — | ·03 | — | ·04 | ·01 | 20 |
| 21 | ·01 | — | — | ·02 | ·07 | — | — | ·02 | ·04 | — | ·01 | — | 21 |
| 22 | ·15 | ·01 | — | ·04 | ·26 | ·08 | — | — | ·02 | — | — | — | 22 |
| 23 | ·23 | — | — | ·10 | ·07 | ·22 | ·10 | — | ·04 | ·06 | ·14 | ·01 | 23 |
| 24 | ·02 | — | — | ·13 | ·48 | — | ·15 | ·06 | ·01 | ·07 | — | — | 24 |
| 25 | ·01 | — | — | ·03 | ·01 | — | ·13 | — | — | — | ·04 | — | 25 |
| 26 | — | — | — | ·11 | — | — | — | — | — | — | ·33 | — | 26 |
| 27 | ·04 | — | — | ·17 | — | — | — | — | — | ·05 | ·08 | ·01 | 27 |
| 28 | ·17 | | ·03 | ·07 | ·45 | — | ·03 | — | ·01 | — | — | ·02 | 28 |
| 29 | ·25 | × | ·01 | — | ·09 | — | ·29 | — | — | ·40 | ·01 | ·20 | 29 |
| 30 | ·06 | × | — | — | ·86 | ·01 | ·20 | — | — | — | — | ·08 | 30 |
| 31 | ·20 | × | — | × | ·03 | × | ·02 | — | × | ·06 | × | ·02 | 31 |
| TOTAL | 1·57 | 1·05 | 1·12 | 2·76 | 2·81 | 3·36 | 4·97 | 3·40 | 3·46 | 1·00 | 2·27 | 1·03 | YEAR'S TOTAL 28·82 |
| *Days with ·01 in. or more. | 21 | 15 | ~~10~~ 11 | 20 | 15 | 21 | 23 | 15 | 15 | 11 | 17 | 14 | 198 |
| *Days with ·04 in. or more. | 11 | 11 | ~~6~~ 7 | 15 | 11 | 15 | 18 | 12 | 7 | 7 | 14 | 6 | 134 |

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*See Instruction 2 (f) on other side.

(Signed) G. A. Collinson
B.Sc. M.INST. C.E.

[P.T.O.

3512

**Section** **A** for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931 .

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·01 | ·16 | — | — | — | — | — | ·24 | — | — | ·01 | 1 |
| 2 | ·01 | ·04 | — | ·58 | — | ·51 | — | — | ·74 | ·01 | — | ·28 | 2 |
| 3 | — | — | ·05 | ·09 | — | ·07 | ·13 | — | ·68 | — | ·22 | ·10 | 3 |
| 4 | ·03 | ·06 | — | ·04 | — | — | ·05 | — | 1·26 | — | ·08 | ·03 | 4 |
| 5 | — | ·04 | — | — | ·02 | ·52 | ·04 | ·10 | ·01 | — | ·01 | ·21 | 5 |
| 6 | — | — | ·06 | — | — | ·37 | ·83 | ·08 | ·01 | ·13 | — | — | 6 |
| 7 | — | ·09 | ·03 | — | — | ·08 | ·42 | ·15 | — | ·03 | ·32 | — | 7 |
| 8 | ·01 | — | ~~4~~ ·12 | ·03 | ·12 | ·11 | ·52 | ·13 | — | — | ·07 | — | 8 |
| 9 | ·02 | ·08 | 34 ~~·23~~ | ·08 | ·05 | ·05 | ·07 | ·13 | — | — | ·20 | ·01 | 9 |
| 10 | — | ·01 | ·19·~~42~~ | — | ·08 | ·11 | — | — | — | — | ·16 | — | 10 |
| 11 | ·05 | ·22 | — | ·02 | — | ·02 | ·03 | — | — | — | — | — | 11 |
| 12 | ·07 | — | — | — | — | ·06 | 1·19 | ·36 | — | ·17 | — | — | 12 |
| 13 | — | — | ·10 | — | — | ·01 | ·01 | ·04 | — | — | — | — | 13 |
| 14 | ·06 | ·11 | ·03 | — | ·02 | ·63 | ·09 | ·50 | — | — | ·14 | ·04 | 14 |
| 15 | — | ·04 | — | ·20 | ·20 | ·01 | ·14 | ·57 | — | — | ·04 | — | 15 |
| 16 | ·02 | ·21 | — | ·07 | — | ·11 | ·03 | ·26 | ·33 | — | — | — | 16 |
| 17 | — | ·07 | — | ·59 | — | ·03 | ·06 | ·01 | ·01 | ·01 | — | — | 17 |
| 18 | ·12 | ·05 | — | ·30 | — | ·27 | ·34 | ·01 | — | — | ·38 | — | 18 |
| 19 | ·03 | ·03 | — | ·06 | — | ·07 | ·10 | ·98 | ·03 | ·01 | — | — | 19 |
| 20 | — | — | — | ·03 | — | ·02 | — | — | ·03 | — | ·04 | ·01 | 20 |
| 21 | ·01 | — | — | ·02 | ·07 | — | — | ·02 | ·04 | — | ·01 | — | 21 |
| 22 | ·15 | ·01 | — | ·04 | ·26 | ·08 | — | — | ·02 | — | — | — | 22 |
| 23 | ·23 | — | — | ·10 | ·07 | ·22 | ·10 | — | ·04 | ·06 | ·14 | ·01 | 23 |
| 24 | ·02 | — | — | ·13 | ·48 | — | ·15 | ·06 | ·01 | ·07 | — | — | 24 |
| 25 | ·01 | — | — | ·03 | ·01 | — | ·13 | — | — | — | ·04 | — | 25 |
| 26 | — | — | — | ·11 | — | — | — | — | — | — | ·33 | — | 26 |
| 27 | ·04 | — | — | ·17 | — | — | — | — | — | ·05 | ·08 | ·01 | 27 |
| 28 | ·17 | | ·03 | ·07 | ·45 | — | ·03 | — | ·01 | — | — | ·02 | 28 |
| 29 | ·25 | X | ·01 | — | ·09 | — | ·29 | — | — | ·40 | ·01 | ·20 | 29 |
| 30 | ·06 | X | — | — | ·86 | ·01 | ·20 | — | — | — | — | ·08 | 30 |
| 31 | ·20 | X | — | X | ·03 | X | ·02 | — | X | ·06 | X | ·02 | 31 |
| TOTAL | 1·57 | 1·05 | 1·12 | 2·76 | 2·81 | 3·36 | 4·97 | 3·40 | 3·46 | 1·00 | 2·27 | 1·03 | YEAR'S TOTAL<br>28·82 |
| *Days with ·01 in. or more. | 21 | 15 | ~~10~~ 11 | 20 | 15 | 21 | 23 | 15 | 15 | 11 | 17 | 14 | 198 |
| *Days with ·04 in. or more. | 11 | 11 | 7 | 15 | 11 | 15 | 18 | 12 | 7 | 7 | 14 | 6 | 134 |

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(Signed) G. A. Collinson

B.Sc. M. Inst. C.E.

[P.T.O.

*See Instruction 2 (f) on other side.

3512

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Long Newton Res.
*in the County of* Durham

Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | – | – | – | ·06 | ·30 | – | ·02 | ·04 | ·31 | ·14 | ·01 | ·02 | 1 |
| 2 | – | – | – | ·01 | ·48 | – | ·10 | – | ·34 | ·10 | ·08 | ·11 | 2 |
| 3 | – | – | – | ·01 | – | ·02 | ·06 | – | – | ·02 | – | ·07 | 3 |
| 4 | ·01 | ·01 | – | – | ·10 | – | ·14 | ·07 | – | – | – | – | 4 |
| 5 | ·13 | – | ·09 | – | ·13 | – | – | – | ·12 | – | – | ·13 | 5 |
| 6 | ·27 | – | ·01 | ·01 | – | – | – | – | ·01 | – | – | ·04 | 6 |
| 7 | – | – | ·10 | – | ·07 | – | – | – | ·12 | ·16 | ·01 | – | 7 |
| 8 | – | ·08 | ·01 | ·05 | ·01 | – | – | – | ·07 | ·30 | ·07 | – | 8 |
| 9 | ·28 | ·12 | ·02 | ·01 | – | – | – | – | ·01 | ·13 | – | ·09 | 9 |
| 10 | ·32 | ·03 | – | ·07 | – | – | – | – | ·11 | ·43 | – | ·07 | 10 |
| 11 | – | ·22 | – | ·02 | ·28 | ·12 | 1·44 | – | ·01 | ·03 | ·01 | – | 11 |
| 12 | ·24 | ·05 | ·02 | – | ·11 | – | ·01 | ·02 | – | ·11 | ·03 | – | 12 |
| 13 | ·03 | ·30 | – | ·03 | ·04 | – | ·03 | ·01 | ·82 | – | ·01 | ·11 | 13 |
| 14 | ·16 | ·05 | – | ·07 | – | – | – | – | ·01 | ·01 | ·01 | – | 14 |
| 15 | ·01 | – | – | – | ·05 | – | – | – | – | ·04 | ·05 | ·05 | 15 |
| 16 | ·27 | – | ·01 | – | ·01 | – | – | – | – | ·01 | ·01 | ·03 | 16 |
| 17 | – | – | | ·01 | – | – | ·03 | – | – | ·05 | – | – | 17 |
| 18 | – | – | – | – | ·04 | – | – | – | – | – | – | – | 18 |
| 19 | – | ·02 | ·01 | ·06 | ·05 | – | – | ·01 | ·05 | ·14 | – | – | 19 |
| 20 | – | – | ·06 | ·03 | ·16 | – | – | ·38 | – | ·18 | – | ·01 | 20 |
| 21 | ·01 | – | ·50 | ·18 | 1·33 | – | – | ·79 | – | ·45 | – | ·01 | 21 |
| 22 | – | – | ·54 | ·08 | ·10 | – | ·18 | – | – | ·04 | ·16 | ·01 | 22 |
| 23 | – | ·07 | – | ·13 | – | – | ·08 | – | ·03 | ·02 | ·06 | – | 23 |
| 24 | – | ·04 | – | – | ·06 | – | ·39 | – | ·04 | – | – | – | 24 |
| 25 | – | ·03 | – | ·15 | ·05 | – | – | ·01 | ·08 | ·28 | ·02 | – | 25 |
| 26 | – | – | – | – | ·21 | – | ·57 | – | ·10 | ·06 | ·01 | ·01 | 26 |
| 27 | – | – | ·41 | ·05 | ·04 | ·60 | ·54 | – | ·04 | ·18 | ·06 | ·02 | 27 |
| 28 | ·01 | – | ·08 | ·12 | ·30 | ·14 | ·06 | ·10 | – | ·03 | – | – | 28 |
| 29 | – | – | ·27 | ·05 | ·07 | ·01 | ·29 | ·77 | ·02 | ·22 | ·15 | ·05 | 29 |
| 30 | – | × | ·06 | – | – | ·30 | ·01 | ·03 | ·22 | ·08 | ·40 | ·12 | 30 |
| 31 | – | × | ·02 | × | – | × | ·99 | – | × | ·01 | × | ·01 | 31 |
| TOTAL | 1·74 | 1·02 | 2·21 | 1·20 | 3·99 | 1·19 | 4·94 | 2·23 | 2·51 | 3·22 | 1·15 | ·96 | YEAR'S TOTAL 26·36 |
| *Days with ·01 in. or more. | 12 | 12 | 16 | 20 | 22 | 6 | 17 | 11 | 19 | 25 | 17 | 18 | 195 |
| *Days with ·04 in. or more. | 7 | 8 | 9 | 12 | 20 | 4 | 12 | 6 | 13 | 18 | 8 | 10 | 127 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) G. P. Collinson
B.Sc. M.Inst. C.E.

P.T.O.

3512

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Long Newton Res.

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·01 | ·21 | – | – | – | – | – | – | – | ·25 | ·01 | 1 |
| 2 | ·10 | – | ·15 | – | – | – | – | – | – | – | ·76 | ·02 | 2 |
| 3 | – | ·08 | ·20 | – | ·38 | – | – | – | – | – | ·33 | – | 3 |
| 4 | ·20 | ·03 | ·04 | – | ·05 | – | – | – | – | – | ·08 | – | 4 |
| 5 | ·05 | – | ·03 | – | ·19 | – | – | – | – | – | – | – | 5 |
| 6 | ·01 | ·01 | – | – | ·30 | – | – | – | – | – | – | ·09 | 6 |
| 7 | – | ·12 | – | – | ·04 | – | – | – | – | ·24 | – | – | 7 |
| 8 | ·04 | – | ·11 | ·03 | ·02 | ·01 | ·11 | – | – | – | – | ·12 | 8 |
| 9 | – | ·30 | – | – | – | – | ·17 | – | – | ·25 | ·04 | ·02 | 9 |
| 10 | ·01 | s ·05 | – | – | – | ·16 | ·16 | – | – | ·45 | ·04 | ·10 | 10 |
| 11 | – | ·01 | – | – | ·03 | – | ·04 | – | – | ·04 | – | ·01 | 11 |
| 12 | ·02 | – | – | – | – | ·33 | ·01 | – | – | – | – | ·12 | 12 |
| 13 | – | – | ·01 | – | ·11 | – | ·07 | ·12 | ·02 | ·01 | ·13 | – | 13 |
| 14 | ·15 | – | – | – | ·06 | – | ·47 | ·03 | – | – | ·22 | ·04 | 14 |
| 15 | ·49 | – | ·03 | – | – | – | ·12 | ·01 | – | ·09 | ·18 | ·17 | 15 |
| 16 | s ·54 | – | ·05 | ·03 | ·22 | ·17 | ·01 | ·01 | – | – | ·21 | ·01 | 16 |
| 17 | s ·19 | s ·08 | ·09 | ·04 | – | ·11 | – | – | ·03 | – | ·24 | – | 17 |
| 18 | – | s ·26 | ·02 | s ·09 | – | ·41 | – | ·06 | – | – | ·13 | ·03 | 18 |
| 19 | – | s ·06 | ·65 | s ·04 | – | ·04 | ·17 | – | – | – | ·06 | ·02 | 19 |
| 20 | – | s ·04 | – | ·02 | – | – | – | ·01 | ·39 | ·08 | ·03 | – | 20 |
| 21 | – | s ·02 | – | – | – | ·04 | – | – | ·07 | ·07 | ·04 | ·02 | 21 |
| 22 | – | s ·19 | – | – | – | – | – | – | ·02 | 1·08 | ·01 | – | 22 |
| 23 | – | s ·16 | – | ·02 | ·07 | ·13 | – | ·04 | ·12 | ·02 | ·01 | – | 23 |
| 24 | – | s ·33 | – | ·21 | ·24 | ·18 | ·02 | – | ·21 | ·02 | ·08 | ·17 | 24 |
| 158 25 | – | ·71 | – | ·19 | – | – | – | – | ·27 | ·29 | ·03 | ·02 | 25 |
| 26 | – | ·54 | – | ·05 | ·28 | – | – | – | – | ·06 | ·02 | ·33 | 26 |
| 27 | – | ·02 | – | – | ·07 | – | ·04 | – | ·01 | ·33 | ·04 | – | 27 |
| 28 | – | – | – | ·01 | – | – | ·02 | ·01 | – | ·46 | – | ·03 | 28 |
| 29 | – | X | – | ·49 | – | – | ·81 | – | – | ·26 | – | ·01 | 29 |
| 30 | s ·04 | X | – | – | – | – | ·10 | – | ·07 | ·01 | – | ·25 | 30 |
| 31 | ·03 | X | ·04 | X | – | X | – | ·06 | X | – | X | ·02 | 31 |
| TOTAL | 1·90 | 3·02 | 1·63 | 1·22 | 2·06 | 1·58 | 2·32 | ·35 | 1·21 | 3·76 | 2·93 | 1·61 | YEAR'S TOTAL<br>23·59 |
| *Days with ·01 in. or more. | 14 | 19 | 13 | 12 | 14 | 10 | 15 | 9 | 10 | 17 | 21 | 21 | 175 |
| *Days with ·04 in. or more. | 9 | 13 | 9 | 7 | 12 | 9 | 11 | 4 | 6 | 13 | 16 | 9 | 118 |

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*See Instruction 2 (*f*) on other side. D M

(Signed) Geo. A. Collinson
B.Sc., M.Inst.C.E.

P.T.O.

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Long Newton Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

" Ground " Sea Level ........ ft.

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·05 | - | - | - | - | - | - | ·04 | ·23 | ·02 | . | ·09 | | 1 |
| 2 | ·01 | ·01 | - | - | - | - | - | ·10 | ·06 | . | ·10 | ·44 | | 2 |
| 3 | - | ·02 | - | ·01 | - | - | - | - | . | ·20 | ·13 | ·04 | | 3 |
| 4 | ·02 | - | - | ·08 | - | - | - | - | . | ·05 | ·04 | ·48 | | 4 |
| 5 | - | ·01 | ·08 | ·07 | ·06 | ·01 | - | ·14 | . | - | ·35 | ·56 | | 5 |
| 6 | ·01 | - | - | - | ·54 | ·03 | - | ·90 | ·05 | ·06 | ·03 | ·28 | | 6 |
| 7 | ·04 | ·01 | - | ·01 | - | ·25 | - | - | ·02 | - | . | ·18 | | 7 |
| 8 | - | - | ·04 | - | ·03 | ·06 | - | ·01 | ·03 | ·03 | . | ·04 | | 8 |
| 9 | ·01 | - | - | ·32 | - | - | - | - | . | ·01 | ·65 | ·02 | | 9 |
| 10 | ·01 | - | ·14 | ·07 | - | - | - | ·22 | . | . | ·25 | - | | 10 |
| 11 | ·14 | - | ·20 | ·40 | - | - | - | ·04 | . | . | ·04 | ·03 | | 11 |
| 12 | - | - | ·34 | ·31 | - | - | ·05 | ·06 | . | - | ·08 | ·09 | | 12 |
| 13 | ·28 | - | ·12 | ·03 | - | - | ·48 | ·04 | ·01 | ·01 | ·05 | ·02 | | 13 |
| 14 | ·07 | - | ·10 | - | ·06 | ·01 | ·18 | - | . | ·05 | ·02 | ·14 | | 14 |
| 15 | - | - | ·11 | - | ·11 | - | - | ·03 | . | ·30 | ·03 | ·08 | | 15 |
| 16 | ·14 | - | ·11 | - | ·06 | ·04 | - | - | . | . | ·04 | ·01 | | 16 |
| 17 | ·05 | - | ·06 | - | ·02 | - | ·23 | - | ·27 | ·06 | . | ·16 | | 17 |
| 18 | ·06 | - | - | ·07 | ·28 | ·25 | ·02 | ·05 | . | | . | ·05 | | 18 |
| 19 | - | - | ·08 | ·42 | ·02 | ·11 | - | ·01 | ·05 | ·04 | . | . | | 19 |
| 20 | - | - | ·14 | ·04 | - | ·29 | - | ·05 | - | . | . | - | | 20 |
| 21 | ·01 | - | - | - | - | ·51 | - | ·07 | ·15 | ·04 | . | - | | 21 |
| 22 | - | - | - | ·01 | - | ·11 | - | ·18 | ·09 | ·01 | . | ·03 | | 22 |
| 23 | - | - | ·06 | ·16 | - | - | ·16 | - | . | ·15 | ·01 | ·04 | | 23 |
| 24 | - | - | - | ·05 | ·02 | ·21 | ·01 | - | ·11 | ·33 | ·01 | ·06 | | 24 |
| 25 | ·01 | - | - | ·19 | ·02 | - | - | - | ·13 | ·20 | ·10 | ·39 | | 25 |
| 26 | ·06 | S ·01 | - | ·33 | - | ·03 | ·01 | - | ·05 | ·09 | . | ·01 | | 26 |
| 27 | - | S ·27 | ·01 | ·08 | - | ·17 | ·04 | - | - | ·12 | . | ·08 | | 27 |
| 28 | - | ·04 | ·02 | ·32 | - | - | ·01 | ·18 | - | ·01 | . | ·28 | | 28 |
| 29 | - | × | ·04 | - | - | - | ·05 | ·06 | ·44 | ·24 | . | ·06 | | 29 |
| 30 | ·14 | × | ·05 | - | - | - | ·24 | - | ·04 | ·42 | . | ·01 | | 30 |
| 31 | ·04 | × | - | × | - | × | ·02 | ·48 | × | ·05 | × | ·03 | | 31 |
| TOTAL | 1·15 | ·37 | 1·70 | 2·97 | 1·22 | 2·08 | 1·50 | 2·58 | 1·73 | 2·49 | 1·96 | 3·49 | Year's Total<br>23·54 | |
| *Days with ·01 in. or more. | 18 | 7 | 17 | 19 | 11 | 14 | 13 | 18 | 15 | 22 | 16 | 27 | 197 | |
| *Days with ·04 in. or more. | 11 | 2 | 15 | 15 | 6 | 10 | 8 | 14 | 12 | 16 | 11 | 19 | 139 | |

Ga. Ga. Ga.

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) G. R. Collinson

B.Sc. M-Inst-C.E.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091

# REGISTER OF RAINFALL IN 1935.

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 184 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·55 | - | ·08 | ·14 | - | - | ·06 | - | ·22 | ·04 | ·05 | ·03 |  | 1 |
| 2 | - | - | ·05 | ·06 | - | ·04 | - | - | - | ·49 | ·01 | - |  | 2 |
| 3 | - | ·53 | ·10 | s ·09 | - | ·02 | - | - | ·04 | - | ·34 | - |  | 3 |
| 4 | - | ·01 | - | - | - | ·51 | - | - | - | ·77 | ·04 | - |  | 4 |
| 5 | ·15 | ·40 | - | - | - | ·05 | ·01 | - | ·32 | ·49 | ·04 | - |  | 5 |
| 6 | ·30 | ·02 | - | - | - | ·19 | - | - | - | ·14 | - | - |  | 6 |
| 7 | ·10 | - | - | ·07 | - | ·15 | - | - | - | ·10 | ·34 | ·08 |  | 7 |
| 8 | ·02 | - | - | ·07 | - | ·06 | - | - | - | ·02 | ·05 | ·05 |  | 8 |
| 9 | ·01 | ·01 | - | ·22 | - | ·10 | - | - | - | ·46 | ·15 | ·01 |  | 9 |
| 10 | - | ·05 | - | ·01 | - | ·18 | - | - | - | ·06 | ·10 | - |  | 10 |
| 11 | ·07 | - | - | ·01 | - | ·02 | - | ·30 | - | ·03 | ·65 | ·02 |  | 11 |
| 12 | - | - | - | - | - | ·06 | - | - | - | - | - | - |  | 12 |
| 13 | ·10 | ·01 | - | ·03 | ·20 | - | ·04 | - | ·01 | - | - | - |  | 13 |
| 14 | - | - | ·04 | ·40 | ·10 | ·17 | ·15 | - | ·04 | - | ·28 | s ·08 |  | 14 |
| 15 | - | ·03 | - | ·38 | ·08 | - | - | - | ·13 | ·04 | ·10 | ·12 |  | 15 |
| 16 | - | ·24 | ·08 | ·12 | s ·27 | ·17 | ·04 | ·08 | ·30 | - | ·47 | ·01 |  | 16 |
| 17 | - | - | - | ·19 | ·02 | ·15 | - | ·02 | - | ·02 | 1·08 | ·06 |  | 17 |
| 18 | ·07 | - | - | ·01 | ·17 | ·05 | ·02 | - | ·05 | ·07 | ·13 | ·08 |  | 18 |
| 19 | ·03 | ·03 | - | ·02 | - | ·22 | ·12 | - | - | ·07 | ·16 | ·06 |  | 19 |
| 20 | - | ·15 | - | ·12 | ·01 | ·08 | ·06 | - | - | - | ·10 | - |  | 20 |
| 21 | - | ·03 | - | 1·16 | - | - | - | - | 1·31 | ·23 | ·11 | - |  | 21 |
| 22 | - | s ·23 | ·13 | ·07 | - | - | - | - | - | - | ·01 | - |  | 22 |
| 23 | - | - | ·10 | - | - | - | - | ·27 | - | ·18 | ·02 | - |  | 23 |
| 24 | ·10 | ·60 | ·11 | ·01 | - | - | - | - | 1·13 | ·01 | ·01 | ·18 |  | 24 |
| 25 | s ·15 | ·06 | - | - | - | ·03 | - | - | - | - | - | ·14 |  | 25 |
| 26 | s ·14 | - | - | - | - | ·02 | ·13 | ·91 | ·27 | ·02 | ·01 | ·12 |  | 26 |
| 27 | s ·13 | ·06 | - | - | - | ·02 | - | - | ·24 | ·01 | ·14 | ·31 |  | 27 |
| 28 | ·03 | ·05 | - | - | - | - | - | - | ·04 | ·29 | ·01 | - |  | 28 |
| 29 | - | × | ·11 | - | - | - | - | ·17 | ·06 | ·09 | ·04 | ·08 |  | 29 |
| 30 | - | × | - | - | - | ·30 | - | ·16 | ·61 | ·18 | ·26 | ·01 |  | 30 |
| 31 | - | × | - | × | - | × | - | ·01 | × | - | × | ·19 | Year's Total | 31 |
| TOTAL | 1·95 | 2·51 | ·80 | 3·18 | ·85 | 2·59 | ·63 | 1·92 | 4·77 | 3·81 | 4·10 | 1·63 | 28·74 |  |
| *Days with ·01 in. or more. | 15 | 14 | 9 | 19 | 7 | 21 | 9 | 8 | 15 | 22 | 26 | 18 | 186 |  |
| *Days with .04 in. or more. | 11 | 10 | 9 | 13 | 5 | 16 | 7 | 6 | 14 | 16 | 20 | 13 | 140 |  |

† Spare column, no entries required.

(Signed) D. R. Collins
B.Sc., M.Inst.C.E.

P.T.O.

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*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level ............ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·10 | ·14 | ·24 | ·04 | - | - | ·01 | ·30 | ·09 | - | ·03 | ·01 | | 1 |
| 2 | - | ·02 | ·03 | - | - | ·27 | ·03 | ·05 | - | - | ·05 | ·04 | | 2 |
| 3 | - | S ·05 | ·03 | - | - | 1·19 | - | - | ·20 | - | - | - | | 3 |
| 4 | ·14 | - | ·06 | - | - | ·07 | - | ·18 | ·10 | ·02 | ·02 | ·10 | | 4 |
| 5 | ·08 | - | - | - | - | ·02 | - | ·21 | ·05 | ·04 | - | - | | 5 |
| 6 | ·06 | - | - | ·04 | ·01 | - | ·01 | ·83 | ·54 | - | ·12 | - | | 6 |
| 7 | ·07 | - | ·01 | - | - | - | ·50 | - | - | - | ·04 | ·03 | | 7 |
| 8 | ·09 | - | ·26 | - | - | - | - | - | - | ·06 | ·09 | - | | 8 |
| 9 | ·50 | - | ·29 | - | ·03 | ·03 | - | - | - | ·13 | ·13 | - | | 9 |
| 10 | ·03 | - | ·07 | ·01 | - | - | - | - | ·02 | ·01 | ·02 | - | | 10 |
| 11 | - | - | - | ·22 | - | - | ·15 | ·05 | ·01 | - | ·64 | - | | 11 |
| 12 | - | - | - | ·26 | ·11 | ·26 | ·13 | ·01 | ·18 | - | ·25 | ·07 | | 12 |
| 13 | - | - | - | ·25 | ·01 | ·08 | - | - | - | ·14 | ·06 | ·56 | | 13 |
| 14 | - | - | - | ·18 | - | ·20 | ·05 | ·05 | 1·66 | - | ·03 | ·64 | | 14 |
| 15 | S ·08 | - | - | ·10 | - | ·05 | ·50 | ·02 | ·01 | ·02 | ·15 | ·01 | | 15 |
| 16 | ·01 | - | - | - | - | ·08 | ·01 | - | - | - | ·33 | ·05 | | 16 |
| 17 | S ·02 | ·32 | - | - | ·06 | - | ·23 | - | - | ·03 | ·31 | ·01 | | 17 |
| 18 | - | ·08 | - | ·07 | - | - | - | ·15 | - | ·09 | ·03 | - | | 18 |
| 19 | S ·38 | ·31 | ·01 | - | - | - | ·30 | ·03 | - | ·07 | - | - | | 19 |
| 20 | S ·05 | ·04 | - | ·02 | ·02 | - | ·09 | - | - | ·01 | - | - | | 20 |
| 21 | - | - | ·02 | - | - | ·09 | - | - | - | - | - | ·03 | | 21 |
| 22 | - | S ·32 | ·04 | - | ·03 | ·45 | ·02 | - | - | - | - | - | | 22 |
| 23 | - | ·04 | ·05 | ·04 | ·12 | - | ·88 | - | - | - | - | - | | 23 |
| 24 | ·02 | ·13 | - | ·01 | ·77 | ·08 | - | - | ·20 | ·06 | - | - | | 24 |
| 25 | ·26 | - | ·02 | - | - | - | ·03 | - | ·96 | ·04 | - | - | | 25 |
| 26 | ·02 | ·10 | ·50 | - | - | - | ·01 | - | ·12 | ·19 | - | - | | 26 |
| 27 | ·07 | ·02 | ·04 | - | - | - | - | - | ·09 | ·14 | ·01 | - | | 27 |
| 28 | ·20 | ·68 | ·02 | - | - | - | ·04 | - | ·01 | - | ·02 | - | | 28 |
| 29 | ·60 | S ·64 | ·07 | - | ·53 | ·50 | - | - | - | ·02 | ·06 | - | | 29 |
| 30 | ·07 | × | - | - | ·05 | ·30 | ·46 | - | - | ·35 | ·02 | - | | 30 |
| 31 | - | × | ·06 | × | - | × | - | - | × | - | × | ·04 | | 31 |
| TOTAL | 2·85 | 2·95 | 1·82 | 1·24 | 1·74 | 3·64 | 3·45 | 1·88 | 4·24 | 1·42 | 2·41 | 1·59 | Year's Total. 29·26 | |
| * Days with .01 in. or more. | 20 | 14 | 18 | 12 | 11 | 15 | 18 | 11 | 15 | 17 | 20 | 12 | 183 | |
| * Days with .04 in. or more. | 15 | 12 | 11 | 9 | 6 | 13 | 11 | 8 | 11 | 11 | 12 | 7 | 126 | |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) ............ B.Sc. M.Inst.C.E.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

" Ground " Sea Level ..................ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·04 | ·05 | – | – | ·03 | – | – | ·22 | ·01 | – | ·23 | | 1 |
| 2 | – | ·05 | – | ·43 | – | ·02 | – | – | – | – | – | ·30 | | 2 |
| 3 | – | ·04 | – | ·05 | – | ·17 | ·06 | ·01 | – | – | – | ·14 | | 3 |
| 4 | ·02 | ·01 | ·07 | ·17 | ·02 | – | – | ·04 | ·05 | – | – | s ·15 | | 4 |
| 5 | ·01 | – | s ·04 | ·01 | ·06 | – | ·02 | – | ·01 | – | – | ·18 | | 5 |
| 6 | ·03 | – | s ·08 | ·03 | ·16 | – | – | ·20 | – | ·03 | ·10 | ·12 | | 6 |
| 7 | – | ·12 | s ·14 | ·10 | ·08 | ·03 | ·03 | – | – | – | ·01 | ·09 | | 7 |
| 8 | – | ·42 | s ·17 | ·03 | – | ·01 | ·11 | ·02 | – | – | ·02 | s ·32 | | 8 |
| 9 | – | ·01 | ·07 | ·10 | ·01 | – | ·20 | ·03 | – | – | ·09 | s ·35 | | 9 |
| 10 | – | ·07 | – | – | ·22 | ·08 | ·04 | – | – | – | ·22 | s ·13 | | 10 |
| 11 | – | – | s ·97 | ·18 | ·14 | – | – | – | – | – | – | s ·43 | | 11 |
| 12 | ·10 | s. ·32 | ·28 | ·11 | ·04 | ·18 | – | – | ·18 | – | – | s ·17 | | 12 |
| 13 | – | ·07 | – | ·03 | ·07 | ·24 | – | – | ·05 | – | – | s ·08 | | 13 |
| 14 | – | – | ·07 | – | – | ·07 | – | ·53 | – | – | – | s ·34 | | 14 |
| 15 | ·11 | ·43 | ·02 | ·14 | – | – | – | ·04 | ·04 | – | – | s ·30 | | 15 |
| 16 | ·06 | ·09 | ·11 | ·28 | – | ·07 | – | ·03 | ·06 | – | – | s ·38 | | 16 |
| 17 | ·18 | ·02 | ·16 | ·13 | – | ·05 | – | – | ·80 | – | – | ·05 | | 17 |
| 18 | ·04 | ·01 | ·08 | – | – | ·15 | ·10 | ·08 | ·01 | – | ·30 | – | | 18 |
| 19 | s. ·01 | ·04 | ·06 | – | – | ·04 | – | – | – | – | ·92 | – | | 19 |
| 20 | ·12 | – | ·04 | ·06 | ·83 | – | ·01 | – | ·01 | – | – | ·01 | | 20 |
| 21 | ·01 | – | ·04 | ·07 | ·12 | – | – | – | – | ·01 | – | ·10 | | 21 |
| 22 | ·01 | – | s ·10 | – | – | – | – | – | – | ·21 | ·03 | – | | 22 |
| 23 | ·32 | – | ·03 | – | ·54 | – | ·21 | – | – | ·62 | ·09 | – | | 23 |
| 24 | ·37 | – | ·01 | – | ·01 | – | ·13 | – | ·12 | ·19 | – | – | | 24 |
| 25 | s ·15 | ·17 | – | – | – | – | – | ·11 | – | ·14 | – | – | | 25 |
| 26 | s ·04 | ·18 | ·05 | – | ·44 | – | – | – | ·01 | – | ·02 | – | | 26 |
| 27 | – | ·52 | s ·20 | ·18 | – | | ·04 | – | – | ·12 | – | ·01 | | 27 |
| 28 | s ·15 | ·20 | – | – | – | – | – | – | – | ·13 | – | – | | 28 |
| 29 | s ·18 | × | – | – | – | ·01 | – | – | – | ·04 | ·03 | ·05 | | 29 |
| 30 | ·07 | × | – | – | – | ·10 | – | – | | ·07 | ·15 | ·02 | | 30 |
| 31 | ·40 | × | – | × | ·05 | × | – | – | × | ·17 | × | ·01 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·39 | 2·81 | 2·84 | 2·10 | 2·79 | 1·25 | ·95 | 1·09 | 1·56 | 1·74 | 1·98 | 3·96 | 35·46 | |
| * Days with .01 in. or more. | 21 | 19 | 22 | 17 | 15 | 15 | 11 | 10 | 12 | 12 | 12 | 23 | 189 | |
| * Days with .04 in. or more. | 14 | 15 | 19 | 13 | 12 | 10 | 8 | 6 | 8 | 9 | 7 | 19 | 140 | |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) ........................ [P.T.O.

B.Sc, M. Inst. C.E.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .21 | .02 | – | – | – | .79 | .04 | .02 | – | – | .18 | .20 | | 1 |
| 2 | .03 | – | – | – | – | .22 | – | – | .07 | .23 | .02 | .06 | | 2 |
| 3 | .03 | – | – | – | – | – | .03 | – | .08 | .88 | .12 | – | | 3 |
| 4 | – | – | – | .01 | – | .03 | .19 | – | – | .20 | – | .33 | | 4 |
| 5 | .05 | .01 | .02 | – | – | – | .22 | .53 | – | .04 | – | .02 | | 5 |
| 6 | .15 | – | .01 | – | – | .02 | .07 | – | .04 | .07 | – | .01 | | 6 |
| 7 | .16 | – | – | – | – | – | .33 | .10 | .09 | .10 | – | .02 | | 7 |
| 8 | .08 | – | – | – | – | – | .18 | .14 | – | .44 | – | .09 | | 8 |
| 9 | .01 | .12 | – | – | .05 | .08 | – | .02 | – | – | – | .30 | | 9 |
| 10 | .06 | – | – | – | – | .12 | .07 | – | .02 | – | – | .03 | | 10 |
| 11 | .16 | – | – | – | .03 | .02 | .01 | – | .02 | .06 | .07 | .07 | | 11 |
| 12 | .05 | s .30 | – | – | .06 | – | – | .14 | – | .42 | .12 | – | | 12 |
| 13 | .24 | s .16 | – | – | – | – | – | – | .07 | .01 | .26 | .17 | | 13 |
| 14 | .11 | .01 | – | – | .05 | – | .05 | – | – | – | – | .04 | | 14 |
| 15 | .15 | .02 | .01 | – | – | – | .30 | .08 | – | .09 | – | .35 | | 15 |
| 16 | – | – | – | – | .72 | – | .42 | .08 | .30 | – | .05 | .29 | | 16 |
| 17 | .02 | – | – | – | .03 | – | – | .05 | .04 | .18 | – | .03 | | 17 |
| 18 | – | – | – | – | – | – | – | – | .05 | .07 | .30 | – | | 18 |
| 19 | – | – | – | – | – | – | – | .25 | .10 | – | .02 | s .25 | | 19 |
| 20 | – | – | – | – | – | .01 | .01 | .08 | .01 | – | .12 | s .21 | | 20 |
| 21 | – | – | .04 | – | – | – | – | .08 | – | – | .02 | s .38 | | 21 |
| 22 | – | .02 | – | – | – | .10 | – | – | – | – | .26 | s .10 | | 22 |
| 23 | – | – | – | – | .52 | .09 | – | – | .04 | – | .09 | .07 | | 23 |
| 24 | .01 | – | .02 | – | .02 | – | – | .48 | .26 | .03 | .05 | .01 | | 24 |
| 25 | – | .01 | .03 | – | .08 | – | .09 | .02 | – | .33 | .24 | .12 | | 25 |
| 26 | – | .46 | .05 | – | .01 | .03 | – | – | .02 | .08 | .01 | – | | 26 |
| 27 | .04 | .08 | – | .01 | .40 | .18 | .16 | .15 | – | .07 | .08 | .01 | | 27 |
| 28 | .15 | – | – | .01 | .58 | .37 | – | .01 | .01 | .02 | – | .01 | | 28 |
| 29 | .03 | | – | .02 | .56 | – | .01 | .02 | – | – | .20 | .04 | | 29 |
| 30 | .03 | | – | – | .03 | .05 | .02 | .02 | .29 | – | .28 | – | | 30 |
| 31 | .07 | | – | | .10 | | – | .01 | | .06 | | s .45 | | 31 |
| TOTAL | 1.84 | 1.21 | .18 | .05 | 3.24 | 2.11 | 2.20 | 2.28 | 1.51 | 3.38 | 2.49 | 3.66 | Year's Total<br>24.15 | |
| * Days with .01 in. or more. | 21 | 11 | 7 | 4 | 15 | 14 | 17 | 19 | 17 | 19 | 19 | 26 | 189 | |
| * Days with .04 in. or more. | 14 | 5 | 2 | – | 10 | 9 | 12 | 12 | 12 | 16 | 15 | 18 | 125 | J.P.S. |
| | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | J.P.S. | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

FOR THE TEES VALLEY WATER BOARD.

(Signed) G. R. Coleman B.Sc. M.Inst.C.E.

ENGINEER AND MANAGER.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Long Newton Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level .................ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·14 | – | ·04 | ·06 | ·02 | – | ·03 | ·01 | – | ·39 | – | – | | 1 |
| 2 | ·13 | – | – | ·04 | ·02 | – | – | ·66 | ·66 | ·17 | ·03 | ·01 | | 2 |
| 3 | – | – | ·03 | ·13 | – | – | – | ·19 | ·01 | ·04 | ·16 | ·05 | | 3 |
| 4 | s ·45 | – | ·33 | ·08 | – | – | ·28 | – | ·21 | – | ·12 | ·07 | | 4 |
| 5 | – | – | – | – | ·12 | – | ·12 | ·55 | – | ·07 | ·27 | – | | 5 |
| 6 | s ·29 | – | – | – | – | – | ·22 | – | – | ·01 | ·01 | – | | 6 |
| 7 | ·02 | ·03 | ·04 | – | ·27 | – | – | – | – | ·05 | ·20 | ·03 | | 7 |
| 8 | ·03 | ·04 | ·08 | – | – | – | ·16 | ·02 | – | – | ·05 | ·37 | | 8 |
| 9 | ·11 | ·03 | – | – | – | – | ·11 | ·10 | ·02 | ·50 | – | ·12 | | 9 |
| 10 | ·04 | – | ·01 | – | – | ·08 | – | – | ·03 | ·03 | – | – | | 10 |
| 11 | s ·12 | – | ·26 | – | ·02 | ·19 | – | ·06 | ·01 | ·01 | ·04 | – | | 11 |
| 12 | – | ·05 | – | – | – | – | – | – | – | ·95 | ·01 | – | | 12 |
| 13 | ·04 | – | ·02 | ·15 | ·02 | – | – | – | ·04 | ·37 | 13 | – | | 13 |
| 14 | ·30 | – | ·01 | ·16 | ·09 | ·53 | ·12 | – | ·01 | ·25 | ·65 | – | | 14 |
| 15 | ·22 | – | – | – | ·07 | ·33 | ·49 | – | – | ·14 | ·01 | ·05 | | 15 |
| 16 | ·09 | – | ·05 | – | ·60 | – | ·01 | – | – | – | ·05 | – | | 16 |
| 17 | ·16 | – | – | ·08 | ·06 | – | ·48 | – | – | – | – | – | | 17 |
| 18 | ·14 | ·02 | ·04 | – | – | ·51 | ·10 | – | ·01 | ·07 | ·57 | – | | 18 |
| 19 | 13 | – | ·01 | – | – | ·23 | ·01 | – | – | – | – | – | | 19 |
| 20 | – | – | – | – | ·04 | ·04 | – | ·10 | ·04 | – | – | – | | 20 |
| 21 | ·12 | ·13 | ·04 | ·03 | ·01 | ·01 | – | ·01 | ·02 | – | – | – | | 21 |
| 22 | ·11 | ·12 | – | ·14 | – | – | – | – | ·04 | – | ·01 | – | | 22 |
| 23 | ·03 | ·01 | – | ·10 | – | ·06 | – | – | ·01 | – | – | ·01 | | 23 |
| 24 | – | – | ·05 | ·31 | – | ·02 | – | ·10 | – | – | – | – | | 24 |
| 25 | s ·18 | – | ·04 | ·02 | – | – | – | ·01 | – | ·02 | ·07 | ·09 | | 25 |
| 26 | ·06 | – | ·01 | ·01 | – | – | – | ·02 | ·01 | ·58 | ·02 | – | | 26 |
| 27 | s ·09 | ·28 | ·71 | – | – | ·06 | ·05 | ·19 | – | ·23 | ·04 | – | | 27 |
| 28 | s ·33 | ·14 | ·45 | ·12 | – | ·19 | ·13 | – | – | – | ·24 | s ·07 | | 28 |
| 29 | ·01 | × | ·01 | – | – | – | ·43 | – | – | ·54 | ·02 | – | | 29 |
| 30 | ·02 | ✕ | – | ·01 | – | ·07 | ·10 | ·11 | – | ·14 | ·08 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·12 | – | ✕ | ·04 | ✕ | – | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·42 | ·85 | 2·26 | 1·44 | 1·40 | 2·32 | 3·26 | 2·13 | 1·15 | 4·60 | 2·78 | ·87 | 26·78 | |
| * Days with .01 in. or more. | 25 | 10 | 19 | 15 | 12 | 13 | 17 | 14 | 14 | 20 | 21 | 10 | 190 | |
| * Days with .04 in. or more. | 20 | 6 | 12 | 11 | 8 | 11 | 14 | 9 | 5 | 16 | 14 | 7 | 133 | |
| | JPS. | JPS. | JPS. | JPS. | ~~JPS~~ | JPS | JPS | JPS | JPS | JPS | | Ga | Ga | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ............ G. P. [illegible] [P.T.O.

B.Sc, M.Inst.C.E.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3512

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

Kept at Long Newton Reservoir

in the County of Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·02 | – | ·13 | – | – | ·01 | – | – | – | ·02 | ·01 | | 1 |
| 2 | – | – | – | ·09 | – | – | – | – | – | – | ·20 | ·05 | | 2 |
| 3 | ·02 | ·02 | – | ·08 | – | – | – | – | – | ·09 | = | ·03 | | 3 |
| 4 | – | ·13 | – | ·01 | – | – | ·14 | – | – | ·04 | ·10 | ·02 | | 4 |
| 5 | – | ·01 | – | – | ·21 | – | ·22 | – | – | ·01 | ·02 | ·18 | | 5 |
| 6 | ·03 | ·04 | – | – | – | – | ·01 | – | – | ·65 | ·05 | ·08 | | 6 |
| 7 | ·04 | ·28 | – | ·04 | ·02 | – | – | ·06 | – | ·05 | – | = | | 7 |
| 8 | – | ·01 | ·02 | ·01 | – | – | ·03 | ·03 | ·02 | ·12 | ·01 | ·17 | | 8 |
| 9 | – | – | ·36 | – | – | – | ·60 | – | ·04 | ·05 | ·55 | ·06 | | 9 |
| 10 | – | – | ·06 | – | – | – | 1·04 | ·10 | – | – | ·08 | = | | 10 |
| 11 | – | s ·17 | ·03 | – | – | ·02 | ·73 | – | ·05 | – | ·19 | = | | 11 |
| 12 | – | s ·04 | ·68 | – | – | – | ·01 | – | ·17 | – | = | ·02 | | 12 |
| 13 | – | s ·15 | ·17 | – | – | – | – | ·03 | ·08 | – | ·11 | ·01 | | 13 |
| 14 | – | s ·02 | ·02 | ·04 | ·13 | – | ·38 | – | ·01 | ·01 | = | ·12 | | 14 |
| 15 | s ·04 | – | ·02 | ·01 | ·15 | ·06 | – | – | – | – | ·06 | ·01 | | 15 |
| 16 | s ·08 | – | – | – | – | – | ·27 | – | ·60 | ·40 | ·05 | = | | 16 |
| 17 | – | – | ·25 | – | – | – | 2·10 | – | ·02 | ·12 | ·55 | ·01 | | 17 |
| 18 | – | s ·10 | ·13 | ·72 | – | – | ·15 | ·33 | ·09 | – | ·48 | ·07 | | 18 |
| 19 | s ·02 | ·08 | ·02 | ·12 | – | ·01 | ·13 | – | – | – | ·25 | ·04 | | 19 |
| 20 | – | – | – | ·07 | – | – | ·11 | ·35 | ·02 | ·01 | ·06 | = | | 20 |
| 21 | s ·38 | – | ·13 | – | – | ·27 | – | ·01 | – | ·12 | ·44 | = | | 21 |
| 22 | s ·34 | – | ·05 | – | ·32 | ·06 | ·10 | ·01 | ·10 | ·24 | – | = | | 22 |
| 23 | – | ·02 | ·04 | ·13 | ·01 | – | ·14 | – | – | ·02 | ·04 | ·02 | | 23 |
| 24 | ·27 | ·05 | – | ·07 | ·01 | – | – | – | – | ·16 | ·03 | ·14 | | 24 |
| 25 | ·02 | – | – | – | ·02 | – | ·02 | – | – | ·04 | – | ·01 | | 25 |
| 26 | s ·33 | ·02 | – | – | ·16 | – | ·37 | ·06 | ·01 | ·02 | – | = | | 26 |
| 27 | ·04 | ·08 | – | ·32 | – | – | – | – | – | ·05 | – | – | | 27 |
| 28 | ·02 | ·58 | – | – | ·17 | – | – | ·06 | ·01 | ·01 | = | ·01 | | 28 |
| 29 | – | ·01 | ·24 | – | ·01 | ·09 | ·05 | – | – | – | = | ·16 | | 29 |
| 30 | s ·10 | ✕ | ·01 | – | – | – | – | – | – | ·40 | – | ·68 | | 30 |
| 31 | s ·34 | ✕ | ·02 | ✕ | – | ✕ | – | – | ✕ | ·32 | ✕ | s ·19 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·10 | 1·83 | 2·25 | 1·84 | 1·23 | ·51 | 6·64 | 1·04 | 1·22 | 2·96 | 3·29 | 2·09 | 27·00 | |
| * Days with .01 in. or more. | 15 | 19 | 17 | 14 | 11 | 6 | 20 | 10 | 13 | 21 | 19 | 22 | 187 | |
| * Days with .04 in. or more. | 10 | 11 | 10 | 11 | 6 | 4 | 15 | 6 | 7 | 15 | 15 | 12 | 122 | |

Ga Ga Ga Ga Ga Ga Ga Ga Ga

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) G.A. Ellison B.Sc. M.Inst C.E.

P.T.O.

3513

Section **A** for the entr

AIR MINIS

FORM 1090.

**REG**

COPY FOR OFFICIAL USE.

LL ORGANIZATION.

/.

3513

STOCKTON-ON-TEES
HARTBURN LODGE
1931 — 40

780701

*Kept at* Hartburn L

*in the County of* Du

Diameter of Funnel of Gauge

Height of top of Gauge above Gr

,, Ground ,, Se

**THE MORNING MEA**

**Y.**

*An observer who does not conform*
*year in the space on the right o*

*following*

Jan. 1, following
nil

| Date | Jan. | Feb. | Marc | | | | | | | . | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | ·12 | | | | trace | trace | trace | | | ·05 | | 1 |
| 2 | | | ·24 | | | | ·01 | | ·27 | trace | | | 2 |
| 3 | ·02 | ·08 | | ·68 | | ·53 | | | ·78 | | ·01 | ·15 | 3 |
| 4 | trace | | | ·06 | | ·03 | ·08 | | ·84 | ·04 | ·18 | ·11 | 4 |
| 5 | ·03 | ·05 | | ·03 | | | ·08 | | 1·57 | | ·04 | ·02 | 5 |
| 6 | | ·04 | | | ·02 | ·60 | ·20 | ·14 | | | | ·21 | 6 |
| 7 | | ·04 | ·10 | | | ·31 | ·55 | ·04 | ·02 | ·11 | | | 7 |
| 8 | | ·05 | | | | ·23 | | ·18 | | ·05 | ·21 | | 8 |
| 9 | ·05 | | ·14 | ·05 | ·11 | ·02 | ·54 | ·10 | | | ·08 | | 9 |
| 10 | | ·08 | ·31 | ·09 | ·04 | ·03 | ·07 | ·11 | | | ·27 | ·10 | 10 |
| 11 | trace | ·02 | ·18 | | ·05 | ·08 | ·01 | ·02 | | | ·14 | trace | 11 |
| 12 | ·05 | ·22 | | ·01 | | ·01 | ·07 | | ·01 | | trace | | 12 |
| 13 | ·13 | | ·03 | | | ·03 | ·58 | ·10 | | ·20 | | | 13 |
| 14 | ·09 | | ·12 | | trace | ·01 | ·03 | ·04 | trace | | | | 14 |
| 15 | ·05 | ·10 | ·02 | | ·02 | ·65 | ·20 | ·55 | | | ·15 | ·04 | 15 |
| 16 | | ·03 | | ·16 | ·20 | ·02 | ·05 | ·15 | | | ·07 | ·01 | 16 |
| 17 | ·03 | ·22 | | ·06 | | ·24 | ·07 | ·10 | ·18 | | | | 17 |
| 18 | | ·09 | | ·60 | | ·07 | ·06 | trace | | ·02 | | trace | 18 |
| 19 | ·13 | ·05 | | ·27 | | ·45 | ·17 | ·01 | ·02 | | ·33 | | 19 |
| 20 | ·03 | ·07 | | ·06 | | ·01 | ·03 | ·84 | ·01 | ·02 | ·01 | | 20 |
| 21 | | ·05 | | ·05 | | ·02 | | | ·06 | | ·04 | ·02 | 21 |
| 22 | ·02 | | | ·02 | ·05 | | | ·03 | ·01 | | trace | | 22 |
| 23 | ·10 | ·03 | ·02 | ·06 | ·25 | ·05 | trace | | ·05 | | ·01 | | 23 |
| 24 | ·20 | | | ·06 | ·08 | ·27 | ·13 | | ·10 | ·05 | ·12 | ·03 | 24 |
| 25 | | | | ·09 | ·44 | | ·13 | ·06 | ·02 | ·02 | | | 25 |
| 26 | | | | trace | ·02 | | ·16 | | | | ·02 | | 26 |
| 27 | | | | ·12 | ·01 | | | | | | ·29 | | 27 |
| 28 | 05 | | | ·16 | | | ·01 | | | ·05 | ·06 | | 28 |
| 29 | ·20 | | ·02 | ·14 | ·31 | | ·01 | | ·01 | | | ·02 | 29 |
| 30 | ·31 | × | | | ·09 | | ·16 | | | ·42 | ·02 | ·36 | 30 |
| 31 | 04 | × | | × | ·80 | × | ·09 | | × | | × | | 31 26.97 |
| | ·12 | – | – | – | trace | trace | trace | – | – | ·05 | – | – | YEAR'S TOTAL |
| TOTAL | ~~1·53~~ 1·65 | ~~1·34~~ 1·22 | 1·18 | 2·77 | 2·49 | 3·60 | 3·49 | 2·47 | 3·95 | ~~·98~~ 1·03 | ~~2·10~~ 2·05 | 1·07 | ~~27"01~~ |
| *Days with ·01 in. or more. | 18 | ~~17~~ 16 | 10 | 19 | 15 | 20 | 24 | 15 | 15 | ~~10~~ 11 | ~~19~~ 18 | 11 | ~~193~~ 192 |
| *Days with ·04 in. or more. | 13 | ~~14~~ 13 | 6 | 16 | 11 | 10 | 18 | 12 | 8 | ~~7~~ 8 | ~~14~~ 13 | 6 | ~~136~~ 134 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(Signed) C. Nielsen

[P.T.O.

3513

**Section** **A** for the entr … COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Hartburn Lodge Stockton on Tees

*in the County of* Durham (Station No. 3513.)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground – ft. 10 in.

,, Ground ,, Sea Level 45 ft.

WD

corr. for WD

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: nil

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | ·12 | | | | trace | trace | trace | | | ·05 | | 1 |
| 2 | | | ·24 | | | | ·01 | | ·27 | trace | | | 2 |
| 3 | ·02 | ·08 | | ·68 | | ·53 | | | ·78 | | ·01 | ·15 | 3 |
| 4 | trace | | | ·06 | | ·03 | ·08 | | ·84 | ·04 | ·18 | ·11 | 4 |
| 5 | ·03 | ·05 | | ·03 | | | ·08 | | 1·57 | | ·04 | ·02 | 5 |
| 6 | | ·04 | | | ·02 | ·60 | ·20 | ·14 | | | | ·21 | 6 |
| 7 | | ·04 | ·10 | | | ·31 | ·55 | ·04 | ·02 | ·11 | | | 7 |
| 8 | | ·05 | | | | ·23 | | ·18 | | ·05 | ·21 | | 8 |
| 9 | ·05 | | ·14 | ·05 | ·11 | ·02 | ·54 | ·10 | | | ·08 | | 9 |
| 10 | | ·08 | ·31 | ·09 | ·04 | ·03 | ·07 | ·11 | | | ·27 | ·10 | 10 |
| 11 | trace | ·02 | ·18 | | ·05 | ·08 | ·01 | ·02 | | | ·14 | trace | 11 |
| 12 | ·05 | ·22 | | ·01 | | ·01 | ·07 | | ·01 | | trace | | 12 |
| 13 | ·13 | | ·03 | | | ·03 | ·58 | ·10 | | ·20 | | | 13 |
| 14 | ·09 | | ·12 | | trace | ·01 | ·03 | ·04 | trace | | | | 14 |
| 15 | ·05 | ·10 | ·02 | | ·02 | ·65 | ·20 | ·55 | | | ·15 | ·04 | 15 |
| 16 | | ·03 | | ·16 | ·20 | ·02 | ·05 | ·15 | | | ·07 | ·01 | 16 |
| 17 | ·03 | ·22 | | ·06 | | ·24 | ·07 | ·10 | ·18 | | | | 17 |
| 18 | | ·09 | | ·60 | | ·07 | ·06 | trace | | ·02 | | trace | 18 |
| 19 | ·13 | ·05 | | ·27 | | ·45 | ·17 | ·01 | ·02 | | ·33 | | 19 |
| 20 | ·03 | ·07 | | ·06 | | ·01 | ·03 | ·84 | ·01 | ·02 | ·01 | | 20 |
| 21 | | ·05 | | ·05 | | ·02 | | | ·06 | | ·04 | ·02 | 21 |
| 22 | ·02 | | | ·02 | ·05 | | | ·03 | ·01 | | trace | | 22 |
| 23 | ·10 | ·03 | ·02 | ·06 | ·25 | ·05 | trace | | ·05 | | ·01 | | 23 |
| 24 | ·20 | | | ·06 | ·08 | ·27 | ·13 | | ·10 | ·05 | ·12 | ·03 | 24 |
| 25 | | | | ·09 | ·44 | | ·13 | ·06 | ·02 | ·02 | | | 25 |
| 26 | | | | trace | ·02 | | ·16 | | | | ·02 | | 26 |
| 27 | | | | ·12 | ·01 | | | | | | ·29 | | 27 |
| 28 | 05 | | | ·16 | | | ·01 | | | ·05 | ·06 | | 28 |
| 29 | ·20 | | ·02 | ·14 | ·31 | | ·01 | | ·01 | | | ·02 | 29 |
| 30 | ·31 | × | | | ·09 | | ·16 | | | ·42 | ·02 | ·36 | 30 |
| 31 | 04 | × | | × | ·80 | × | ·09 | | × | | × | | 31 26.97 |
| | 12 | – | – | – | trace | trace | trace | – | – | ·05 | – | – | YEAR'S TOTAL |
| TOTAL | ~~1·57~~ 1·65 | ~~1·34~~ 1·22 | 1·18 | 2·77 | 2·49 | 3·60 | 3·49 | 2·47 | 3·95 | ~~·98~~ 1·03 | ~~2·10~~ 2·05 | 1·07 | ~~27·01~~ |
| *Days with ·01 in. or more. | 18 | ~~17~~ 16 | 10 | 19 | 15 | 20 | 24 | 15 | 15 | ~~10~~ 11 | ~~19~~ 18 | 11 | ~~193~~ 192 |
| *Days with ·04 in. or more. | 13 | ~~14~~ 13 | 6 | 16 | 11 | 10 | 18 | 12 | 8 | ~~7~~ 8 | ~~14~~ 13 | 6 | ~~135~~ 134 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) C. Nielsen

[P.T.O.

M

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No 3513.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Hartburn Lodge Stockton-on-Tees

*in the County of* Durham

WD

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft 10 in.
,, Ground ,, Sea Level 35/40 ft.

**THE MORNING MEASUREMENT IS CREDITED TO ~~THE PREVIOUS~~ that DAY.**

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Jan. 1, following
—·01.

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | —·02 | | | —·24 | 1·17 | | —·21 | —·07 | —·58 | 1 |
| 2 | trace | —·02 | | —·06 | —·34 | | —·02 | —·03 | —·30 | —·13 | —·02 | —·02 | 2 |
| 3 | —·01 | | | —·01 | —·54 | | —·06 | trace | —·37 | —·09 | —·07 | —·07 | 3 |
| 4 | | | | —·05 | | —·02 | —·07 | | | —·02 | | —·10 | 4 |
| 5 | —·02 | | | | —·05 | —·01 | —·05 | —·37 | | —·01 | | | 5 |
| 6 | —·15 | —·03 | —·08 | | —·11 | | | | —·11 | | | —·04 | 6 |
| 7 | —·26 | | | | —·01 | | | | | | | —·09 | 7 |
| 8 | | | —·12 | —·01 | —·08 | | | | —·12 | —·15 | —·02 | | 8 |
| 9 | | —·06 | —·03 | —·04 | —·04 | | | | —·06 | —·11 | —·17 | —·01 | 9 |
| 10 | —·12 | —·07 | | | | | | | —·04 | —·15 | | —·10 | 10 |
| 11 | —·20 | —·15 | —·04 | —·09 | | | —·01 | | —·14 | —·36 | | —·09 | 11 |
| 12 | trace | —·10 | —·05 | —·01 | —·26 | —·09 | —·89 | | | —·04 | | | 12 |
| 13 | | —·13 | | | —·10 | | —·01 | | | —·08 | —·03 | | 13 |
| 14 | —·01 | —·22 | | —·01 | —·07 | | —·04 | —·01 | —·75 | | —·02 | —·05 | 14 |
| 15 | —·13 | | | —·01 | | | —·02 | | | —·01 | —·01 | | 15 |
| 16 | | | | | —·06 | | | | | —·05 | —·05 | —·05 | 16 |
| 17 | —·17 | | —·01 | | —·03 | | | | | —·03 | —·03 | —·04 | 17 |
| 18 | | | —·01 | | —·13 | | —·04 | | | —·05 | —·02 | | 18 |
| 19 | | | | | —·03 | | | | | | —·02 | | 19 |
| 20 | | —·03 | —·03 | —·13 | —·04 | | —·01 | —·01 | —·05 | —·16 | | | 20 |
| 21 | | | —·09 | —·07 | —·20 | | —·01 | —·48 | | —·15 | | | 21 |
| 22 | | | —·55 | —·12 | 1·46 | | —·03 | —·67 | | —·43 | —·01 | —·03 | 22 |
| 23 | | | —·54 | —·12 | | | —·17 | | | —·03 | —·16 | —·02 | 23 |
| 24 | | —·06 | | —·10 | —·01 | | —·07 | | —·12 | —·04 | —·03 | | 24 |
| 25 | trace | —·07 | | | —·05 | | —·45 | | —·05 | | —·02 | —·01 | 25 |
| 26 | | —·06 | | —·12 | —·06 | | | —·02 | —·02 | —·26 | —·04 | | 26 |
| 27 | —·01 | | | | —·28 | | —·54 | | —·11 | —·07 | —·01 | —·02 | 27 |
| 28 | | | —·53 | —·05 | —·05 | —·77 | —·42 | | —·03 | —·16 | —·07 | —·03 | 28 |
| 29 | trace | | —·07 | —·14 | —·37 | —·23 | —·04 | —·12 | | —·12 | | | 29 |
| 30 | | × | —·16 | ·02 | —·03 | | —·24 | 1·03 | —·01 | —·16 | —·16 | —·05 | 30 |
| 31 | | × | ~~—·07~~ ·02 | × | —·01 | ~~×~~ ·24 | —·01 1·17 | —·04 | ~~×~~ ·21 | —·16 ·01 | ~~×~~ ·58 | —·14 ·01 | 31 26·59. |
| TOTAL | 1·08 | 1·00 | ~~x·38~~ 2·40 | ~~x·18~~ 1·16 | 4·41 | ~~x·22~~ 1·36 | ~~3·44~~ 4·37 | ~~3·xx~~ 2·98 | ~~2·28~~ 2·49 | ~~3·23~~ 3·03 | ~~0·97~~ 1·48 1·54 | ~~x·33~~ ·97 | YEAR'S TOTAL 26·58 |
| *Days with ·01 in. or more. | 10 | 12 | ~~15~~ 16 | ~~19~~ 18 | 25 | ~~7~~ 6 | 22 | ~~11~~ 10 | ~~15~~ 16 | 26 | 20 | 19 | ~~199~~ 200 |
| *Days with .04 in. or more. | 6 | 9 | 11 | 12 | 19 | ~~5~~ 4 | 14 | 6 | ~~12~~ 13 | ~~21~~ 20 | 8 | ~~12~~ 11 | 133 |

40-9999
*See Instruction 2 (*f*) on other side.

M

(*Signed*) C. Nielsen. [P.T.O.

3513

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~3513~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Harburn Lodge
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft 10 in.
,, Ground ,, Sea Level 35 to 40 ft.

**THE MORNING MEASUREMENT IS CREDITED TO ~~THE PREVIOUS~~ that DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
— ·04.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·01 | ·03 | | ·03 | | | | ·01 | ·10 | ·09 | | | | 1 |
| 2 | ·02 | | ·15 | | | | | | | | ·30 | ·02 | | 2 |
| 3 | ·12 | | ·17 | | | | | | trace | ·02 | ·81 | ·04 | | 3 |
| 4 | ·02 | ·10 | ·26 | | ·26 | | | | | | ·32 | | | 4 |
| 5 | ·15 | ·04 | ·07 | | ·02 | | | | | | ·36 | | | 5 |
| 6 | ·02 | | ·03 | | ·12 | | | | | | ·01 | | | 6 |
| 7 | ·01 | ·02 | | | ·26 | | | | | | | ·12 | | 7 |
| 8 | | ·15 | | | ·11 | | | | | ·26 | ·01 | | | 8 |
| 9 | ·07 | ·01 | ·10 | ·03 | ·01 | ·03 | ·08 | | ·02 | | | ·12 | | 9 |
| 10 | | ·30 | | | ·04 | | ·12 | | | ·33 | ·04 | ·03 | | 10 |
| 11 | ·02 | ·08 | | | | ·06 | ·11 | | | ·50 | ·05 | ·09 | | 11 |
| 12 | ·03 | | | | ·09 | | ·02 | | | ·02 | ·06 | ·02 | | 12 |
| 13 | ·04 | | | | ·01 | ·29 | ·02 | | | | | ·12 | | 13 |
| 14 | | | ·01 | | ·11 | | ·06 | ·10 | ·05 | ·02 | ·12 | | | 14 |
| 15 | ·09 | | | | ·01 | | ·73 | ·02 | | | ·07 | ·06 | | 15 |
| 16 | ·42 | | ·04 | | | ·16 | ·03 | ·02 | | ·10 | ·18 | ·20 | | 16 |
| 17 | ·78 | | ·05 | ·02 | ·21 | | | ·01 | | ·04 | ·29 | | | 17 |
| 18 | ·22 | | ·11 | ·06 | | ·15 | | | ·03 | | ·22 | | | 18 |
| 19 | ·13 | ·42 | ·02 | ·05 | | ·66 | | ·08 | | | ·14 | ·04 | | 19 |
| 20 | ·08 | | ·75 | ·07 | | ·01 | ·01 | | | | ·10 | ·05 | | 20 |
| 21 | | ·18 | | ·02 | | ·10 | | ·04 | ·30 | ·08 | ·03 | | | 21 |
| 22 | | | | | | ·08 | | ·01 | | ·11 | ·05 | | | 22 |
| 23 | | | | | | | | | | 1·15 | ·02 | | | 23 |
| 24 | | | | ·05 | ·32 | ·05 | | ·18 | ·25 | ·02 | ·03 | | | 24 |
| 25 | | ·40 | | ·16 | ·28 | ·13 | ·03 | | ·15 | ·01 | ·10 | ·13 | | 25 |
| 26 | | ·60 | | ·14 | | | | | ·29 | ·31 | ·05 | | | 26 |
| 27 | | ·37 | | ·04 | ·27 | | | | | ·12 | ·07 | ·35 | | 27 |
| 28 | | | | | ·02 | | ·02 | | ·03 | ·33 | ·04 | ·02 | | 28 |
| 29 | | | | ·03 | | | ·02 | ·01 | ·02 | ·45 | | ·04 | | 29 |
| 30 | | × | | ·15 | | | ·11 | ·01 | | ·33 | | ·03 | | 30 |
| 31 | ·07 ·03 | × | ·03 | × | | × | ·13 ·01 | ·10 | × ·09 | ·04 | × | ·26 ·04 | | 31 |
| TOTAL | 2·30 2 | ~~2·70~~ 2·67 | 1·76 9 | ·85 2 | 2·14 | 1·72 | ~~1·49~~ 1·50 | ~~·48~~ ·58 | 1·24 3 | ~~4·33~~ 4·24 | 3·47 | 1·74 8 | Year's Total 24·2 36. | |
| *Days with ·01 in. or more. | 18 ✓ | ~~13~~ 12 | ~~12~~ 13 | ~~13~~ 12 | 16 | 11 | ~~14~~ 15 | 11 ✓ | 10 ✓ | ~~20~~ 19 | 24 | ~~18~~ 19 | 180 ✓ | |
| *Days with .04 in. or more. | 11 ✓ | 10 | 9 | 8 | 11 | 9 | 7 | ~~4~~ 5 | 6 ✓ | ~~15~~ 14 | 19 | ~~13~~ 14 | ~~122~~ 123 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) C. Nielsen

[P.T.O.

w w w J.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No.** 3513.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

File No 926693/29.

*Kept at* Hartburn Lodge

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

,, Ground ,, Sea Level 35 to 40 ft.

**THE MORNING MEASUREMENT IS CREDITED TO ~~THE PREVIOUS~~ that DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following — "·12

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·04 | ·07 | ·12 | | | | | ·03 | ·39 | ·06 | | | | 1 |
| 2 | ·05 | | | | | | | ·06 | ·06 | ·02 | | ·20 | | 2 |
| 3 | ·02 | ·02 | | | | | | ·27 | ·06 | | ·09 | ·24 | | 3 |
| 4 | | ·02 | | | | | | | | ·12 | ·13 | ·02 | | 4 |
| 5 | ·03 | | ·04 | ·09 | | ·02 | | | ·04 | ·07 | ·05 | ·47 | | 5 |
| 6 | | | ·09 | ·05 | ·11 | | | ·28 | ·11 | | ·22 | ·74 | | 6 |
| 7 | ·02 | | | ·02 | ·38 | ·06 | | 1·22 | | ·05 | ·05 | ·30 | | 7 |
| 8 | ·03 | ·02 | | | | ·35 | | | | ·02 | | ·16 | | 8 |
| 9 | | | ·02 | | ·01 | ·03 | | ·02 | ·06 | ·04 | | ·06 | | 9 |
| 10 | | | | ·35 | | | | ·02 | | ·04 | ·58 | | | 10 |
| 11 | ·01 | | ·11 | ·05 | | | | ·24 | | | ·20 | | | 11 |
| 12 | ·06 | | ·19 | ·48 | | | | ·04 | | | ·08 | ·04 | | 12 |
| 13 | | | ·40 | ·20 | | | ·08 | ·08 | | | ·08 | ·07 | | 13 |
| 14 | ·17 | | ·08 | ·04 | | | ·44 | ·04 | | ·02 | ·03 | | | 14 |
| 15 | ·12 | | ·11 | | ·01 | | ·17 | | | ·01 | ·10 | ·14 | | 15 |
| 16 | | | ·10 | | ·10 | | | ·03 | | ·27 | ·08 | ·07 | | 16 |
| 17 | ·12 | | ·09 | | ·08 | | | | ·03 | ·03 | ·08 | | | 17 |
| 18 | ·04 | | ·07 | | ·02 | | ·24 | | | ·05 | ·01 | ·12 | | 18 |
| 19 | ·07 | | | ·16 | ·23 | ·21 | ·18 | ·06 | | | | ·07 | | 19 |
| 20 | | | ·10 | ·33 | ·04 | ·09 | | trace | ·32 | ·07 | | ·06 | | 20 |
| 21 | | | ·17 | ·04 | | ·19 | | ·04 | ·07 | | ·02 | | | 21 |
| 22 | | | | | | ·64 | | ·01 | ·13 | ·03 | | | | 22 |
| 23 | | | | trace | | ·07 | | ·05 | ·10 | ·02 | | trace | | 23 |
| 24 | | | ·08 | ·21 | | | ·11 | | | ·16 | ·01 | ·06 | | 24 |
| 25 | | | | ·04 | ·01 | ·31 | ·01 | | ·14 | ·31 | | ·03 | | 25 |
| 26 | ·02 | | | ·18 | ·02 | | ·01 | | ·10 | ·18 | ·04 | ·22 | | 26 |
| 27 | ·06 | ·06 | | ·32 | | ·04 | | | ·05 | ·06 | | ·03 | | 27 |
| 28 | | ·39 | | ·17 | | ·11 | ·02 | | ·01 | ·11 | | ·06 | | 28 |
| 29 | | | ·02 | ·33 | | ·02 | ·02 | ·23 | | ·04 | | ·27 | | 29 |
| 30 | | × | ·09 | | | | ·06 | ·17 | ·41 | ·22 | | ·07 | | 30 |
| 31 | ·14<br>·07 | ×<br>·12 | ·03 | × | | × | ·14<br>·03 | ·02<br>·39 | ×<br>·06 | ·62 | × | ·02<br>·12 | | 31 |
| TOTAL | 1"·0~~8~~3 | ~~·58~~ ·63 | ~~1·91~~ 1·79 | 3·06 ✓ | 1·01 ✓ | 2·14 ✓ | ~~1"·48~~ 1·51 | ~~2·92~~ 3"·27 | 2·08 1·75 | ~~2·62~~ 2·56 | 1·85 ✓ | ~~3·52~~ 3·64 | Year's Total<br>24"·~~76~~24 | 24·24. |
| * Days with .01 in. or more. | 16 ✓ | 6 ✓ | ~~18~~ 17 | 17 ✓ | 11 ✓ | 13 ✓ | ~~12~~ 13 | 19 ✓ | 16 ✓ | ~~24~~ 23 | 17 ✓ | 2~~3~~4 | 192 ✓ | |
| * Days with .04 in. or more. | 10 ✓ | 3 ✓ | ~~12~~ 14 | 16 ✓ | 6 ✓ | 10 ✓ | 8 ✓ | ~~13~~ 14 | 14 ✓ | ~~17~~ 16 | 13 ✓ | ~~19~~ 20 | 144 ✓ | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Nielsen

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3513-

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935. File Number 926693/29.

*Kept at* Hartburn Lodge

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

,, Ground ,, Sea Level 35/40 ft.

WD

**THE MORNING MEASUREMENT IS CREDITED TO ~~THE PREVIOUS~~ that DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following —".14.

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·12 | | ·08 | | | | ·27 | | ·01 | ·41 | | ·19 | | 1 |
| 2 | ·27 | | ·06 | ·16 | | | ·03 | | ·29 | ·11 | ·06 | ·02 | | 2 |
| 3 | | | ·02 | ·20 | | ·05 | | | | ·42 | | | | 3 |
| 4 | | ·54 | ·09 | ·17 | | ·02 | | | ·03 | | ·35 | | | 4 |
| 5 | | | | | | ·40 | | | | ·94 | ·05 | | | 5 |
| 6 | ·20 | ·44 | | | | ·06 | ·02 | | ·38 | ·35 | ·03 | | | 6 |
| 7 | ·29 | ·10 | | ·01 | | ·14 | | | | ·15 | | | | 7 |
| 8 | ·16 | ·04 | | ·09 | | ·51 | | | | ·16 | ·34 | ·07 | | 8 |
| 9 | | | | ·05 | ·01 | ·06 | | | | ·03 | ·07 | ·13 | | 9 |
| 10 | ·04 | ·07 | ·02 | ·23 | ·02 | ·12 | | | | ·43 | ·11 | ·01 | | 10 |
| 11 | | ·02 | | ·02 | | ·18 | | trace | | ·08 | ·08 | | | 11 |
| 12 | ·07 | ·01 | | ·01 | | ·01 | | ·35 | | ·02 | ·04 | ·04 | | 12 |
| 13 | | ·01 | | | ·04 | ·11 | | | | | | | | 13 |
| 14 | ·09 | ·02 | | ·05 | ·21 | | | | ·08 | | | ·02 | | 14 |
| 15 | | | ·01 | ·16 | ·12 | ·15 | ·17 | | ·03 | | ·29 | ·08 | | 15 |
| 16 | | ·04 | | ·43 | ·07 | ·02 | | | ·20 | ·06 | ·08 | ·10 | | 16 |
| 17 | | ·26 | ·11 | ·15 | ·22 | ·52 | ·03 | ·14 | ·16 | | ·36 | ·07 | | 17 |
| 18 | ·01 | | | ·30 | ·06 | ·11 | | ·02 | | ·04 | 1·05 | ·12 | | 18 |
| 19 | ·04 | | | | ·12 | ·06 | ·01 | ·20 | ·04 | ·07 | ·21 | ·15 | | 19 |
| 20 | ·04 | ·04 | | ·06 | | ·18 | ·09 | | | ·06 | ·10 | ·17 | | 20 |
| 21 | | ·26 | | ·22 | ·02 | ·10 | ·11 | | | | ·05 | | | 21 |
| 22 | | ·05 | | ·41 | | | | | ·99 | ·39 | ·12 | | | 22 |
| 23 | | ·15 | ~~·11~~ | ·05 | | | | | | | | | | 23 |
| 24 | ·02 | ·14 | ·12 | | | | ·02 | ·26 | | ·17 | ·06 | | | 24 |
| 25 | ·08 | ·74 | ·10 | ·02 | | | | trace | 1·07 | | | ·15 | | 25 |
| 26 | ·14 | ·05 | | | | ·05 | | | | | ·01 | ·13 | | 26 |
| 27 | ·05 | | | ·04 | | ·04 | ·10 | ·85 | ·24 | ·06 | ·02 | ·20 | | 27 |
| 28 | ·16 | ·07 | ·15 | | | ·02 | | | ·22 | ·08 | ·10 | ·30 | | 28 |
| 29 | ·22 | | | | | | | ·03 | ·03 | ·26 | | ·02 | | 29 |
| 30 | ·03 | × | ·01 | | | ·02 | | ·14 | ·04 | ·06 | ·04 | ·07 | | 30 |
| 31 | – | ×<br>·08 | – | ×<br>– | – | ×<br>·27 | – | ·13<br>·01 | ×<br>·41 | ·18<br>– | ×<br>·19 | ·02<br>·14 | | 31 |
| TOTAL | 1·91<br>~~2"05~~ | 3·13<br>~~3"05~~ | ·80<br>~~"88~~ | 2"83 | 0"89 | 3·20<br>~~2"93~~ | ·58<br>~~·85~~ | 2·13<br>~~2"12~~ | 4·21<br>~~3"81~~ | 4·12<br>~~4"53~~ | 3·81<br>~~3·62~~ | 2·01<br>~~2·06~~ | Year's Total.<br>~~29"60~~ | 29·62 |
| * Days with .01 in. or more. | ~~18~~ 17 | ~~19~~ 20 | ~~12~~ 11 | 20 | 10 | 23 ~~22~~ | ~~10~~ 9 | ~~9~~ 10 | 15 | ~~22~~ 21 | ~~22~~ 23 | 20 | 199 | ✓ |
| * Days with .04 in. or more. | ~~15~~ 14 | ~~15~~ 16 | ~~8~~ 7 | 15 | 7 | 18 ~~17~~ | ~~5~~ 4 | 7 | ~~11~~ 12 | ~~20~~ 19 | ~~19~~ 20 | 15 | 154 | ✓ |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Charles Nielsen [P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations X **Station No.** 3513

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936

File number 926693/29.

*Kept at* Hartburn Lodge

*in the County of* Durham

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level 35/40 ft.

corrected for YD

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ''·03

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | –·14 | –·02 | –·79 | –·08 | | –·02 | –·17 | | | | | | | 1 |
| 2 | –·08 | –·12 | –·16 | –·06 | | –·01 | –·02 | –·29 | –·09 | –·02 | –·04 | –·03 | | 2 |
| 3 | | | –·15 | | | –·40 | –·08 | –·05 | | | –·09 | –·02 | | 3 |
| 4 | | –·17 | | | | 1·36 | –·01 | | –·30 | | | –·04 | | 4 |
| 5 | –·15 | | –·05 | | | –·05 | | –·35 | –·15 | –·04 | –·03 | –·11 | | 5 |
| 6 | –·06 | | | | | –·02 | | –·19 | | –·08 | –·02 | –·02 | | 6 |
| 7 | ·07 | | | –·03 | –·04 | | –·02 | –·99 | –·57 | | –·10 | | | 7 |
| 8 | –·11 | | –·01 | | | | –·80 | | –·04 | –·01 | –·03 | –·06 | | 8 |
| 9 | –·08 | | –·26 | | –·01 | | | | | –·07 | –·09 | | | 9 |
| 10 | –·46 | | –·43 | | –·05 | –·02 | –·08 | | | –·20 | –·14 | | | 10 |
| 11 | –·04 | | –·04 | –·03 | | | –·01 | | | –·03 | –·05 | | | 11 |
| 12 | | | | –·14 | | | –·26 | –·07 | –·01 | –·02 | –·39 | –·01 | | 12 |
| 13 | | | | –·21 | –·14 | –·23 | –·09 | –·24 | –·21 | | –·41 | | | 13 |
| 14 | | | | –·16 | | –·11 | –·02 | | | –·11 | –·04 | –·27 | | 14 |
| 15 | | | | –·26 | | –·12 | –·02 | –·06 | 2·40 | | –·03 | –·82 | | 15 |
| 16 | | | | –·11 | | –·05 | –·24 | ·06 | | –·02 | –·18 | –·05 | | 16 |
| 17 | | | | –·02 | trace | –·04 | –·01 | | | | –·33 | –·08 | | 17 |
| 18 | | | | | –·02 | | –·20 | | | –·08 | –·31 | –·07 | | 18 |
| 19 | | –·29 | | –·15 | – | | –·01 | –·12 | | –·08 | –·03 | | | 19 |
| 20 | –·41 | –·35 | | | | | –·20 | –·03 | | –·04 | | –·02 | | 20 |
| 21 | –·31 | –·08 | | | –·08 | | –·06 | | | –·02 | | | | 21 |
| 22 | | | –·01 | | | –·05 | –·05 | | | | | –·05 | | 22 |
| 23 | | –·44 | –·03 | | –·10 | –·31 | | | | | | | | 23 |
| 24 | | –·02 | –·02 | –·05 | –·22 | | –·53 | | | | | –·01 | | 24 |
| 25 | –·06 | –·13 | | | –·63 | | | | –·17 | –·08 | | | | 25 |
| 26 | –·22 | | –·04 | | | | –·03 | | –·74 | –·02 | | trace | | 26 |
| 27 | –·04 | –·14 | –·27 | | | | –·02 | | –·11 | –·14 | | | | 27 |
| 28 | –·05 | –·07 | –·02 | | –·01 | | | | –·24 | –·08 | –·03 | | | 28 |
| 29 | –·23 | –·61 | –·03 | –·01 | | | –·12 | | –·01 | | ·04 | | | 29 |
| 30 | –·70 | | –·04 | | –·48 | –·51 | –·05 | | | –·02 | –·13 | | | 30 |
| 31 | –·07 | | | | –·12 | | –·43 | | | –·35 | | –·01 | | 31 |
| TOTAL | ·02<br>3·16<br>~~3·28~~ | ·79<br>3·21<br>~~2·44~~ | ·08<br>1·64<br>~~2·35~~ | –<br>1·23<br>~~1·31~~ | ·82<br>1·92<br>~~1·90~~ | ·17<br>3·45<br>~~3·30~~ | 3·36<br>~~3·55~~ | –<br>2·45 | –<br>5·04 | –<br>1·57 | –<br>2·51 | ·93<br>1·62<br>~~1·59~~ | Year's Total<br>~~31·21~~ | 31·10 ✓ |
| * Days with .01 in. or more. | 18 | 12 | 16 | ~~13~~ 12 | ~~18~~ 13 | 15 | ~~25~~ 24 | 11 | 13 | 20 | 20 | ~~16~~ 17 | 191 | 1 ✓ |
| * Days with .04 in. or more. | 17 ~~18~~ | ~~10~~ 11 | 10 | ~~9~~ 8 | 9 | ~~11~~ 12 | ~~15~~ 14 | 10 | 1[illegible] | 12 | 14 | 8 | ~~137~~ | 136 ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Charles Nielsen)

(*Signed*) C. Nielsen
F.R.A.S.

[P.T.O.

926693/29

COPY FOR OFFICIAL USE

**Section** A **for the entry of Daily Observations**

Station No. 3513

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Elmwood Hartburn

*in the County of* Durham

Diameter of Funnel of Gauge 5 inches

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 80′ ft.

covd. for part

W D.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·03 | ·02 | ·07 | — | — | — | — | — | ·22 | ·01 | ·01 | ·30 | | 1 |
| 2 | — | ·04 | ·02 | ·42 | — | — | — | — | — | — | — | ·18 | | 2 |
| 3 | ·01 | ·03 | — | ·06 | ·01 | ·18 | ·02 | — | — | — | — | ·17 | | 3 |
| 4 | — | — | ·09 | ·14 | ·03 | — | ·01 | ·03 | ·05 | — | — | ·08 | | 4 |
| 5 | ·02 | — | ·05 | ·01 | ·02 | — | ·02 | — | ·03 | — | — | ·17 | | 5 |
| 6 | — | — | ·07 | ·04 | ·17 | — | — | — | — | ·04 | ·09 | ·22 | | 6 |
| 7 | — | ·08 | ·11 | ·08 | ·06 | ·03 | ·18 | ·22 | — | — | ·04 | ·17 | | 7 |
| 8 | — | ·37 | ·42 | ·02 | ·01 | ·01 | — | — | — | — | ·07 | ·25 | | 8 |
| 9 | ·01 | — | ·03 | ·09 | ·02 | — | ·22 | ·02 | — | — | ·20 | ·55 | | 9 |
| 10 | — | ·05 | ·01 | ·01 | ·33 | ·08 | ·09 | ·02 | ·01 | ·01 | ·28 | ·19 | | 10 |
| 11 | — | — | ·90 | ·28 | ·16 | — | — | — | Trace | — | ·01 | ·57 | | 11 |
| 12 | — | ·30 | ·16 | ·13 | ·09 | ·13 | — | — | ·11 | — | — | ·10 | | 12 |
| 13 | ·06 | ·06 | ·01 | ·06 | ·09 | ·11 | — | — | ·08 | — | — | ·14 | | 13 |
| 14 | — | — | ·19 | ·01 | — | ·63 | — | — | — | — | — | ·29 | | 14 |
| 15 | — | ·45 | ·03 | ·16 | — | — | ·01 | ·73 | ·05 | — | — | ·20 | | 15 |
| 16 | ·09 | ·05 | ·13 | ·27 | ·04 | ·09 | — | ·03 | ·01 | — | — | ·50 | | 16 |
| 17 | ·05 | ·02 | ·12 | ·17 | — | ·05 | — | — | ·75 | — | — | ·13 | | 17 |
| 18 | ·17 | ·04 | ·07 | ·02 | — | ·16 | ·07 | ·07 | ·02 | — | ·38 | — | | 18 |
| 19 | ·32 | — | ·06 | ·14 | — | ·08 | — | — | ·07 | — | ·91 | — | | 19 |
| 20 | — | — | ·62 | ·03 | ·86 | — | — | ·01 | ·02 | — | ·02 | ·03 | | 20 |
| 21 | — | — | ·05 | ·06 | ·15 | ·02 | ·26 | — | — | — | — | ·10 | | 21 |
| 22 | — | — | ·09 | ·01 | — | — | ·02 | — | — | ·14 | ·03 | ·02 | | 22 |
| 23 | ·04 | — | ·04 | — | ·38 | — | ·17 | — | — | ·59 | ·13 | — | | 23 |
| 24 | ·13 | — | — | — | — | — | ·19 | — | ·13 | ·09 | — | — | | 24 |
| 25 | ·20 | ·17 | ·01 | — | ·01 | — | ·01 | ·10 | ·01 | ·14 | — | — | | 25 |
| 26 | ·18 | ·19 | ·05 | — | ·35 | — | — | — | — | — | ·03 | ·02 | | 26 |
| 27 | ·04 | ·36 | ·10 | ·18 | — | — | ·03 | — | — | ·18 | ·01 | ·03 | | 27 |
| 28 | ·20 | ·06 | Trace | — | — | — | — | — | — | ·12 | — | — | | 28 |
| 29 | ·28 | | — | — | — | ·02 | — | — | — | ·05 | ·04 | ·11 | | 29 |
| 30 | ·08 | ✕ | — | — | — | ·09 | — | — | — | ·08 | ·23 | ·04 | | 30 |
| 31 | ·32 | ✕ | — | ✕ | ·02 | ✕ | — | — | ✕ | ·19 | ✕ | ·02 | | 31 |
| TOTAL | 2·28 | 2·29 | 2·90 | 2·39 | 2·80 | 1·68 | 1·30 | 1·23 | 1·56 | 1·64 | 2·48 | 4·58 | Year's Total 27·08 | ✓ |
| * Days with .01 in. or more. | ~~4~~ 17 | ~~8~~ 16 | ~~7~~ 25 | ~~4~~ 22 | ~~7~~ 18 | ~~4~~ 14 | ~~4~~ 14 | ~~5~~ 9 | ~~6~~ 14 | ~~2~~ 12 | ~~6~~ 16 | ~~8~~ 25 | ~~63~~ | 202 ✓ |
| * Days with .04 in. or more. | 14 | 13 | 18 | 15 | ~~12~~ 11 | 10 | 7 | 4 | 8 | 10 | 10 | 20 | ~~139~~ | 140 ✓ |

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) ...... [P.T.O.

## COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations

Station No. 3513

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* ELMWOOD, HARTBURN, STOCKTON on TEES

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 ins

Height of top of Gauge above Ground 1 ft. 0 ins

,, Ground ,, Sea Level 80 ft.

Totals Dup

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·04 | — | — | — | 1·26 | ·06 | — | — | — | ·16 | ·10 | | 1 |
| 2 | ·36 | Trace | — | — | — | ·19 | ·06 | — | ·11 | ·25 | ·04 | ·07 | | 2 |
| 3 | ·08 | — | — | — | — | — | ·09 | — | ·10 | ·77 | ·10 | — | | 3 |
| 4 | ·10 | — | — | ·02 | — | ·07 | ·11 | — | — | ·31 | — | ·42 | | 4 |
| 5 | ·01 | ·03 | ·02 | — | — | — | ·40 | ·76 | — | ·14 | — | ·03 | | 5 |
| 6 | ·08 | — | ·02 | — | — | ·02 | — | — | ·05 | ·07 | — | ·02 | | 6 |
| 7 | ·12 | — | — | — | — | — | ·50 | ·17 | ·20 | ·13 | — | ·01 | | 7 |
| 8 | ·19 | — | — | — | — | — | ·20 | ·12 | — | ·42 | — | ·10 | | 8 |
| 9 | — | ·11 | — | — | ·11 | ·11 | Trace | ·02 | — | — | — | ·30 | | 9 |
| 10 | ·04 | ·04 | — | — | — | ·29 | ·08 | — | ·05 | — | — | ·63 | | 10 |
| 11 | ·06 | — | — | — | ·03 | — | ·02 | — | ·05 | ·02 | ·07 | ·06 | | 11 |
| 12 | ·13 | ·32 | — | — | ·04 | — | — | ·38 | — | ·50 | ·13 | — | | 12 |
| 13 | ·08 | ·28 | — | — | — | — | ·01 | ·02 | ·12 | — | ·23 | ·13 | | 13 |
| 14 | ·29 | ·01 | — | — | ·03 | — | ·10 | — | — | — | — | ·06 | | 14 |
| 15 | ·14 | ·06 | — | — | — | — | ·49 | ·06 | — | ·09 | — | ·26 | | 15 |
| 16 | ·16 | ·03 | Trace | Trace | ·44 | — | ·60 | ·15 | ·29 | — | ·05 | ·35 | | 16 |
| 17 | — | — | — | — | ·22 | — | — | ·08 | ·10 | ·17 | — | — | | 17 |
| 18 | ·03 | ·05 | — | — | ·03 | ·02 | — | — | ·07 | ·11 | ·29 | — | | 18 |
| 19 | Trace | Trace | — | — | — | — | — | ·24 | ·07 | — | ·04 | ·50 | | 19 |
| 20 | Trace | — | — | — | — | ·12 | ·02 | ·11 | ·07 | — | ·25 | ·31 | | 20 |
| 21 | — | — | ·04 | Trace | — | — | — | ·42 | — | — | ·03 | ·19 | | 21 |
| 22 | Trace | ·05 | — | Trace | — | ·08 | — | — | — | — | ·26 | ·38 | | 22 |
| 23 | — | ·01 | — | — | ·35 | — | — | — | ·10 | — | ·10 | ·16 | | 23 |
| 24 | ·05 | — | ·03 | Trace | ·07 | ·10 | — | ·47 | ·19 | ·03 | ·05 | ·03 | | 24 |
| 25 | — | ·02 | ·03 | — | ·09 | — | ·18 | ·04 | — | ·39 | ·32 | ·11 | | 25 |
| 26 | — | ·59 | ·06 | — | — | ·12 | — | — | ·05 | ·12 | — | — | | 26 |
| 27 | ·04 | ·08 | — | ·04 | ·20 | ·03 | ·14 | ·19 | — | ·07 | ·11 | — | | 27 |
| 28 | ·16 | — | — | ·04 | ·70 | ·25 | — | — | ·04 | ·05 | — | ·62 | | 28 |
| 29 | ·02 | | — | ·04 | ·93 | — | ·03 | — | — | — | ·16 | ·05 | | 29 |
| 30 | ·04 | × | — | — | ·09 | ·01 | — | — | ·32 | — | ·40 | — | | 30 |
| 31 | ·09 | × | — | × | ·11 | × | — | ·13 | × | ·06 | × | ·29 | | 31 |
| TOTAL | 2·28 | 1·72 | ·20 | ·14 | 3·44 | 2·67 | 3·09 | 3·36 | 1·98 | 3·70 | 2·79 | 3·98 | Year's Total 29·35 | ✓ |
| * Days with .01 in. or more. | ~~4~~ 22 | ~~5~~ 15 | ~~4~~ 6 | 4 | ~~3~~ 15 | ~~4~~ 14 | ~~4~~ 17 | ~~8~~ 16 | ~~0~~ 17 | ~~2~~ 18 | 18 | ~~6~~ 24 | 186 | ✓ |
| * Days with .04 in. or more. | 18 | 10 | 2 | 3 | 12 | 10 | 13 | 14 | 17 | 16 | 17 | 18 | 150 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Harold E. Kitching

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3513

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* ELMWOOD HARTBURN.

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 80 ft.

Days

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·27 | — | ·02 | ·02 | ·05 | — | ·02 | ·19 | ·03 | ·22 | — | — | | 1 |
| 2 | ·23 | — | — | ·07 | — | — | — | ·53 | ·62 | ·24 | ·06 | ·04 | | 2 |
| 3 | — | — | ·02 | ·11 | — | — | — | ·18 | — | ·03 | ·12 | — | | 3 |
| 4 | ·23 | — | ·22 | ·09 | — | — | ·03 | — | ·02 | — | ·08 | ·13 | | 4 |
| 5 | — | — | — | — | ·18 | — | ·40 | ·89 | — | ·13 | ·23 | ·20 | | 5 |
| 6 | ·26 | — | — | — | — | — | ·26 | — | — | ·03 | — | ·04 | | 6 |
| 7 | ·02 | ·08 | ·07 | — | ·18 | — | — | — | — | ·11 | ·07 | — | | 7 |
| 8 | ·03 | ·02 | ·10 | ·02 | — | — | ·18 | ·02 | — | ·40 | ·05 | ·24 | | 8 |
| 9 | ·11 | ·04 | — | — | — | — | ·14 | ·09 | ·04 | ·02 | — | ·16 | | 9 |
| 10 | ·29 | — | ·02 | — | — | ·08 | — | ·02 | ·05 | — | — | ·01 | | 10 |
| 11 | ·35 | — | ·34 | — | ·05 | ·24 | — | ·06 | — | 1·32 | ·08 | — | | 11 |
| 12 | — | ·07 | ·03 | — | — | — | — | — | — | ·19 | — | — | | 12 |
| 13 | ·04 | — | — | ·19 | ·10 | ·03 | — | — | ·11 | — | ·13 | — | | 13 |
| 14 | ·28 | — | — | ·06 | ·08 | ·48 | ·08 | — | ·04 | — | ·50 | ·02 | | 14 |
| 15 | ·23 | — | ·04 | — | ·09 | ·22 | ·08 | — | — | ·34 | — | ·03 | | 15 |
| 16 | ·07 | — | ·10 | ·06 | ·69 | — | ·02 | — | — | — | ·05 | — | | 16 |
| 17 | ·18 | — | ·04 | — | ·09 | — | ·25 | — | — | — | ·59 | — | | 17 |
| 18 | ·36 | ·03 | ·07 | — | ·03 | ·53 | ·26 | — | — | ·05 | — | — | | 18 |
| 19 | ·13 | — | ·01 | — | — | ·26 | ·04 | — | ·07 | — | — | ·03 | | 19 |
| 20 | — | — | — | — | — | ·08 | — | ·07 | ·03 | — | — | — | | 20 |
| 21 | ·15 | ·13 | ·06 | ·04 | ·03 | ·02 | — | ·02 | ·02 | — | — | — | | 21 |
| 22 | ·10 | ·11 | ·02 | ·11 | — | — | — | — | — | — | ·04 | — | | 22 |
| 23 | ·03 | ·02 | ·17 | ·07 | — | ·08 | — | — | — | — | — | — | | 23 |
| 24 | — | ·01 | ·08 | ·29 | — | — | — | ·11 | — | — | — | ·05 | | 24 |
| 25 | ·59 | — | ·05 | — | — | — | — | — | ·02 | ·03 | ·08 | ·11 | | 25 |
| 26 | ·07 | ·32 | ·04 | ·03 | — | ·07 | — | — | — | ·54 | — | — | | 26 |
| 27 | ·17 | — | ·75 | ·03 | — | ·06 | ·08 | ·27 | — | ·26 | ·07 | — | | 27 |
| 28 | ·08 | ·08 | ·60 | ·07 | — | — | ·10 | — | — | — | ·24 | — | | 28 |
| 29 | — | — | ·02 | — | — | ·06 | ·46 | — | — | ·61 | ·03 | ·03 | | 29 |
| 30 | ·04 | ✕ | — | ·02 | — | ·03 | ·14 | ·04 | — | ·09 | ·08 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | — | — | ✕ | ·02 | ✕ | — | | 31 |
| TOTAL | 4·31 | ·91 | 2·87 | 1·28 | 1·54 | 2·24 | 2·54 | 2·49 | 1·05 | 4·66 | 2·50 | 1·09 | Year's Total 28·51 | ✓ |
| * Days with .01 in. or more. | 3 24 | 4 11 | 7 22 | 5 16 | 2 11 | 8 14 | 8 16 | 3 13 | 5 11 | 5 18 | 7 17 | 5 13 | ~~46~~ 186. | ✓ |
| * Days with .04 in. or more. | 21 | 7 | 15 | 7 11 | 9 | 11 | 13 | 10 | 6 | 13 | 16 | 8 | ~~130~~ 140 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .................................................. [P.T.O.

309 **Section** **A** **for the entry of Daily O**

AIR MINISTRY.—MET

3514

FOR OFFICIAL USE.

H RAINFALL ORGANIZATION.

3514 — 032597

STOCKTON-ON-TEES

DURHAM.

1931- 40

780701

FORM 1090.

# REGISTER N 1931.

*Kept* ● Stockton-on-Tees, Rop

*in the County of* Durham

Diameter of Funnel of Gauge..........in

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·07 | ·21 | | | | ·01 | | ·26 | | | | 1 |
| 2 | | | | ·60 | | ·45 | | | ·83 | ·04 | | ·13 | 2 |
| 3 | | | | ·09 | | ·05 | ·07 | | ·68 | | ·20 | ·19 | 3 |
| 4 | ·04 | ·06 | | ·02 | | | ·05 | | 1·21 | | ·04 | | 4 |
| 5 | | | | | ·01 | ·52 | ·13 | ·13 | ·01 | | | ·18 | 5 |
| 6 | | ·06 | ·10 | | | ·35 | ·69 | ·03 | ·03 | ·09 | | | 6 |
| 7 | | | ·02 | | | ·10 | | ·23 | | ·04 | ·22 | | 7 |
| 8 | ·05 | | ·10 | ·05 | ·10 | ·09 | ·53 | ·09 | | | ·07 | | 8 |
| 9 | | ·07 | ·34 | | ·02 | | ·05 | ·08 | | | ·28 | ·09 | 9 |
| 10 | ·01 | | ·15 | | ·06 | ·09 | | ·03 | | | ·15 | ·01 | 10 |
| 11 | ·05 | ·22 | | | | | ·02 | | | | | | 11 |
| 12 | ·08 | | | | | | ·68 | ·06 | | ·20 | | | 12 |
| 13 | ·10 | | ·08 | | | | ·02 | ·03 | | | | | 13 |
| 14 | ·04 | ·09 | | | | ·62 | ·05 | ·52 | | | ·12 | ·03 | 14 |
| 15 | | ·02 | ·01 | ·14 | ·20 | | ·18 | ·15 | | | ·06 | ·01 | 15 |
| 16 | ·02 | ·21 | | ·04 | | ·20 | ·06 | ·11 | ·16 | | | | 16 |
| 17 | | ·07 | | ·45 | | ·06 | ·05 | ·01 | | ·01 | | | 17 |
| 18 | ·11 | ·02 | | ·23 | | ·42 | ·08 | ·01 | | | ·32 | | 18 |
| 19 | ·02 | ·06 | | ·04 | | ·01 | ·01 | ·87 | ·02 | ·02 | | | 19 |
| 20 | | ·04 | | ·04 | | | | | ·06 | | ·03 | ·01 | 20 |
| 21 | | | | | ·04 | | | ·01 | ·02 | | | | 21 |
| 22 | ·11 | | ·01 | ·03 | ·19 | ·04 | | | ·03 | | | | 22 |
| 23 | ·17 | ·02 | | ·05 | ·07 | ·24 | ·11 | | ·06 | ·03 | ·16 | ·01 | 23 |
| 24 | | | | ·06 | ·43 | | | ·03 | ·02 | ·04 | | | 24 |
| 25 | | | | ·01 | | | ·31 | | | | | | 25 |
| 26 | | | | ·10 | | | | | | | ·28 | | 26 |
| 27 | ·03 | | | ·12 | | | ·01 | | | ·05 | ·05 | ·01 | 27 |
| 28 | ·18 | | | ·12 | ·27 | | | | | | | | 28 |
| 29 | ·29 | | | | ·06 | | ·14 | | | ·43 | | ·21 | 29 |
| 30 | ·07 | X | | | ·75 | | | | | | | | 30 |
| 31 | ·09 | X | | X | | X | ·09 | | X | ·04 | X | | 31 |
| TOTAL | 1·46 | 1·01 | 1·02 | 2·19 | 2·20 | 3·24 | 3·34 | 2·39 | 3·39 | ·99 | 1·98 | ·88 | YEAR'S TOTAL 24·09 |
| *Days with ·01 in. or more. | 17 | 13 | 9 ~~8~~ | 17 | 12 | 14 | 21 | 16 | 13 | 11 | 13 | 11 | 167 |
| *Days with ·04 in. or more. | 13 | 10 | 6 | 14 | 10 | 13 | 16 | 9 | 4 | 8 | 12 | 5 | 123 |

40-9999

*See Instruction 2 (*f*) on other side.

*(Signed)* W. A. Jenkins [P.T.O.

309

3514

Section **A** for the entry of Daily O

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE. H RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept* ● Stockton-on-Tees, Ropner Park

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..................ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | 07 | 21 | | | | 01 | | ·26 | | | | 1 |
| 2 | | | | 60 | | 45 | | | ·83 | 04 | | 13 | 2 |
| 3 | | | | 09 | | 05 | 07 | | ·68 | | 20 | 19 | 3 |
| 4 | 04 | 06 | | 02 | | | 05 | | 1·21 | | 04 | | 4 |
| 5 | | | | | 01 | 52 | 13 | 13 | ·01 | | | 18 | 5 |
| 6 | | 06 | 10 | | | 35 | 69 | 03 | ·03 | 09 | | | 6 |
| 7 | | | 02 | | | 10 | | 23 | | 04 | 22 | | 7 |
| 8 | 05 | | 10 | 05 | 10 | 09 | 53 | 09 | | | 07 | | 8 |
| 9 | | 07 | 34 | | 02 | | 05 | 08 | | | 28 | 09 | 9 |
| 10 | 01 | | 15 | | 06 | 09 | | 03 | | | 15 | 01 | 10 |
| 11 | 05 | 22 | | | | | 02 | | | | | | 11 |
| 12 | 08 | | | | | | 68 | 06 | | 20 | | | 12 |
| 13 | 10 | | 08 | | | | 02 | 03 | | | | | 13 |
| 14 | 04 | 09 | | | | 62 | 05 | 52 | | | 12 | 03 | 14 |
| 15 | | 02 | 01 | 14 | 20 | | 18 | 15 | | | 06 | 01 | 15 |
| 16 | 02 | 21 | | 04 | | 20 | 06 | 11 | ·16 | | | | 16 |
| 17 | | 07 | | 45 | | 06 | 05 | 01 | | 01 | | | 17 |
| 18 | 11 | 02 | | 23 | | 42 | 08 | 01 | | | 32 | | 18 |
| 19 | 02 | 06 | | 04 | | 01 | 01 | 87 | ·02 | 02 | | | 19 |
| 20 | | 04 | | 04 | | | | | ·06 | | 03 | 01 | 20 |
| 21 | | | | | 04 | | | 01 | ·02 | | | | 21 |
| 22 | 11 | | 01 | 03 | 19 | 04 | | | ·03 | | | | 22 |
| 23 | 17 | 02 | | 05 | 07 | 24 | 11 | | ·06 | 03 | 16 | 01 | 23 |
| 24 | | | | 06 | 43 | | | 03 | ·02 | 04 | | | 24 |
| 25 | | | | 01 | | | 31 | | | | | | 25 |
| 26 | | | | 10 | | | | | | | 28 | | 26 |
| 27 | 03 | | | 12 | | | 01 | | | 05 | 05 | 01 | 27 |
| 28 | 18 | | | 12 | 27 | | | | | | | | 28 |
| 29 | 29 | | | | 06 | | 14 | | | 43 | | 21 | 29 |
| 30 | 07 | ✕ | | | 75 | | | | | | | | 30 |
| 31 | 09 | ✕ | | ✕ | | ✕ | 09 | | ✕ | 04 | ✕ | | 31 |
| TOTAL | 1·46 | 1·01 | 1·02 | 2·19 | 2·20 | 3·24 | 3·34 | 2·39 | 3·39 | 99 | 1·98 | ·88 | YEAR'S TOTAL<br>24·09 |
| *Days with ·01 in. or more. | 17 | 13 | 9 ~~8~~ | 17 | 12 | 14 | 21 | 16 | 13 | 11 | 13 | 11 | 167 |
| *Days with ·04 in. or more. | 13 | 10 | 6 | 14 | 10 | 13 | 16 | 9 | 4 | 8 | 12 | 5 | 123 |

40-9999

(*Signed*) W. A. Jenkins

[P.T.O.

*See Instruction 2 (*f*) on other side.

3514

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Stockton-on-Tees, Ropner Park

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level .........ft.

Dec. 30th ·15 est'd. by neighd. stns.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·07 | | | ·04 | ·33 | | | | ·29 | ·12 | ·01 | | 1 |
| 2 | | | | ·02 | ·48 | | ·06 | ·01 | ·34 | ·09 | ·05 | ·09 | 2 |
| 3 | | | | ·02 | | ·01 | ·06 | | | ·01 | | ·10 | 3 |
| 4 | | | | ·01 | ·05 | ·01 | | ·34 | | | | | 4 |
| 5 | ·15 | ·04 | ·07 | | ·07 | | | | ·11 | | | ·03 | 5 |
| 6 | ·25 | | | | | | | | | | | ·07 | 6 |
| 7 | | | ·10 | ·04 | | | | | ·12 | ·16 | ·03 | | 7 |
| 8 | | ·07 | ·02 | ·01 | ·10 | | | | ·04 | ·07 | ·16 | (·09?) | 8 |
| 9 | ·10 | ·08 | ·01 | | | | | | ·05 | ·15 | ·01 | | 9 |
| 10 | ·20 | ·08 | ·02 | ·06 | | | | | ·11 | ·41 | ·16 | ·08 | 10 |
| 11 | | ·07 | ·05 | ·01 | ·23 | ·08 | ·77 | | | ·02 | | | 11 |
| 12 | ·17 | ·08 | | | ·82 | | | | | | | | 12 |
| 13 | ·01 | ·20 | | | ·06 | | ·03 | | ·70 | ·07 | | ·05 | 13 |
| 14 | ·10 | | | | | | | | | | ·01 | | 14 |
| 15 | ·02 | | | | ·04 | | | | | ·05 | ·04 | ·07 | 15 |
| 16 | ·15 | | ·01 | | ·02 | | | | | | | | 16 |
| 17 | | | ·01 | | ·13 | | | | | ·07 | | | 17 |
| 18 | | | | | ·02 | | ·03 | | | | ·04 | | 18 |
| 19 | | ·02 | ·01 | ·15 | ·03 | | | | ·04 | ·14 | | | 19 |
| 20 | | | ·06 | ·06 | ·17 | | | ·27 | | ·16 | | ·01 | 20 |
| 21 | | | ·46 | ·10 | 1·39 | | | ·71 | | ·40 | | | 21 |
| 22 | | | ·58 | ·11 | ·01 | | ·19 | | | ·02 | ·16 | | 22 |
| 23 | | ·07 | | ·08 | ·03 | | ·06 | | ·13 | | | | 23 |
| 24 | | ·03 | | | | | ·46 | | ·04 | | ·02 | | 24 |
| 25 | | ·06 | | ·09 | | | | | | ·21 | | | 25 |
| 26 | | | | | ·27 | | ·36 | | ·10 | ·07 | | | 26 |
| 27 | | | ·60 | ·03 | ·03 | ·68 | ·37 | | ·03 | ·13 | ·07 | ·02 | 27 |
| 28 | | | ·06 | ·10 | ·31 | ·28 | ·03 | ·12 | | ·12 | | | 28 |
| 29 | | | ·13 | ·02 | ·02 | | ·23 | ·98 | | ·15 | ·16 | ·04 | 29 |
| 30 | | X | ·05 | | | ·18 | ·01 | | ·22 | ·08 | ·61 | (·15) | 30 |
| 31 | ·01 | X | | X | | X | 1·13 | | X | ·01 | X | ·01 | 31 d. |
| TOTAL | 1·23 | ·80 | 2·24 | ·95 | 4·61 | 1·24 | 3·79 | 2·43 | 2·32 | 2·71 | 1·53 | ~~·66~~ ·81 | YEAR'S TOTAL 24·~~57~~ 66 |
| *Days with ·01 in. or more. | ~~11~~ | ~~11~~ | ~~16~~ | ~~17~~ | ~~21~~ | ~~6~~ | ~~14~~ | ~~6~~ | ~~14~~ | ~~22~~ | ~~14~~ | ~~12~~ 13 | ~~164~~ 5 |
| *Days with ·04 in. or more. | 8 | 9 | 10 | 10 | 14 ~~18~~ | 4 | 10 | 5 | 13 | 18 | 9 | ~~9~~ 7 | 11~~9~~8 |

40-9999

(*Signed*)......................................... [P.T.O.

*See Instruction 2 (*f*) on other side.

M

3514

**Section** **A** **for the entry of Daily Observations.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Ropner Park Stockton on Tees
*in the County of* Durham

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft 11 in.
,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·15 | | | | | | | ·08 | ·30 | | 1 |
| 2 | ·13 | | ·14 | | | | | | | | ·85 | | 2 |
| 3 | | ·09 | ·23 | | ·28 | | | | | ·02 | ·32 | | 3 |
| 4 | ·16 | ·03 | ·08 | | ·13 | | | | | | ·35 | | 4 |
| 5 | | | ·03 | | | | | | | | | | 5 |
| 6 | | | | | ·23 | | | | | | | ·06 | 6 |
| 7 | ·01 | 15 | ·01 | ·02 | ·13 | | | | | ·25 | | | 7 |
| 8 | | | ·06 | | | | ·07 | | | | | | 8 |
| 9 | | ·27 | | | | | | | | ·20 | | ·24 | 9 |
| 10 | | ·08 | | | | ·07 | ·12 | | | ·45 | | | 10 |
| 11 | | | | | ·11 | | ·06 | | | | ·03 | ·11 | 11 |
| 12 | | | | | | ·26 | | | | | ·16 | | 12 |
| 13 | | | | | ·13 | | ·05 | ·09 | ·04 | | ·07 | ·04 | 13 |
| 14 | ·16 | | | | | | ·49 | | | | | | 14 |
| 15 | ·41 | | ·04 | | | | ·04 | ·02 | | | ·11 | ·12 | 15 |
| 16 | ·79 | | ·04 | | ·30 | ·15 | | | | ·09 | ·26 | 20 | 16 |
| 17 | ·20 | ·17 | ·10 | ·01 | | ·15 | | | | | ·23 | | 17 |
| 18 | | ·25 | | | | | | ·12 | | | ·13 | | 18 |
| 19 | | | ·68 | | | ·11 | | | | | ·07 | | 19 |
| 20 | | ·14 | | ·03 | | | | ·02 | ·28 | ·09 | ·03 | 05 | 20 |
| 21 | | | | | | | | | | ·04 | | | 21 |
| 22 | | ·08 | | | ·36 | | | | | 1·16 | ·04 | | 22 |
| 23 | | ·21 | | ·06 | | | | ·17 | ·17 | | | | 23 |
| 24 | | ·26 | | ·14 | ·32 | ·04 | | | ·20 | ·04 | ·03 | 14 | 24 |
| 25 | | ·39 | | ·16 | ·26 | | | | ·34 | ·35 | ·08 | ·03 | 25 |
| 26 | | ·37 | | ·05 | ·02 | | | | | ·13 | ·05 | ·31 | 26 |
| 27 | | ·02 | | | | | | | ·02 | ·34 | ·08 | | 27 |
| 28 | | | | | | | ·04 | | | ·29 | | | 28 |
| 29 | | | | 34 | | | ·13 | | | ·28 | | 05 | 29 |
| 30 | ·06 | × | | | | | ·12 | | ·08 | | | | 30 |
| 31 | ·01 | × | ·01 | × | | × | | | × | | × | ·21 | 31 |
| TOTAL | 1·93 | 2·51 | 1·66 | ·71 | 2·27 | 1·54 | 1·12 | ·50 | 1·13 | 3·81 | 3·19 | 1·56 | YEAR'S TOTAL 21·93 |
| *Days with ·01 in. or more. | ~~9~~ | ~~14~~ | ~~12~~ | ~~7~~ | ~~0~~ | ~~8~~ | ~~9~~ | ~~6~~ | ~~6~~ | ~~15~~ | | ~~12~~ | ~~92~~ |
| *Days with ·04 in. or more. | ~~7~~ | ~~12~~ | ~~10~~ | ~~7~~ | ~~11~~ | ~~8~~ | ~~9~~ | ~~4~~ | ~~3~~ | ~~14~~ | | ~~11~~ | ~~81~~ |

3·53

d

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J. R. Cummings [P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No.** 3514

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Ropner Park. Stockton on Tees

*in the County of* Durham

Diameter of Funnel of Gauge Six in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ft.

Totals ✓ ay

Aug 1st - 14th W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | | | | | | | | ·04 | | | | 1 |
| 2 | | | | | | | | ·08 | ·05 | | ·08 | ·37 | 2 |
| 3 | | | | | | | | ·34 | | ·05 | | | 3 |
| 4 | ·02 | | | | | | | | ·04 | ·10 | | ·45 | 4 |
| 5 | | | ·10 | ·10 | | | | | ·18 | ·06 | ·12 | ·60 | 5 |
| 6 | | | | | | | | ·28 | | | ·05 | ·39 | 6 |
| 7 | | | | | ·40 | | | 1·07 | | | | | 7 |
| 8 | | | | | | ·45 | | | ·06 | | | ·19 | 8 |
| 9 | ·02 | | | | | | | | | | ·49 | | 9 |
| 10 | | | | ·35 | | | | | | | ·17 | | 10 |
| 11 | ·01 | | ·12 | | | | | ·27 | | | | | 11 |
| 12 | | | ·14 | ·42 | | | | ·05 | | | ·15 | ·05 | 12 |
| 13 | ·20 | | ·37 | ·19 | | | ·10 | ·08 | | | | | 13 |
| 14 | ·17 | | | | | | ·46 | ·03 | | | ·11 | ·21 | 14 |
| 15 | | | ·16 | | | | | | | ·31 | ·09 | ·08 | 15 |
| 16 | ·03 | | | | ·10 | | ·19 | | | | ·05 | | 16 |
| 17 | | | ·15 | | ·04 | | | | | 04 | ·02 | ·12 | 17 |
| 18 | | | ·04 | | | ·25 | ·24 | ·07 | ·34 | | | | 18 |
| 19 | | | | ·14 | ·20 | | ·28 | | ·07 | ·06 | | | 19 |
| 20 | | | ·09 | | ·05 | | | ·03 | | | | ·06 | 20 |
| 21 | ·02 | | | | | ·21 | | | | | | | 21 |
| 22 | | | | | | ·62 | | ·05 | | | | ·12 | 22 |
| 23 | | ·01 | | | | | ·11 | | ·15 | ·19 | | | 23 |
| 24 | | | ·04 | ·24 | | | | | ·20 | ·27 | | | 24 |
| 25 | ·03 | | | | | ·36 | | | | ·19 | | ·29 | 25 |
| 26 | | ·06 | | ·06 | | | | | ·12 | ·05 | | 04 | 26 |
| 27 | | ·46 | | ·37 | | ·05 | | | | | | | 27 |
| 28 | | | | ·15 | | ·11 | | | | | | | 28 |
| 29 | | | | ·34 | | | | ·17 | ·41 | ·35 | | ·30 | 29 |
| 30 | ·16 | ✕ | ·07 | | | | ·08 | ·23 | | ·59 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | ·15 | ·41 | ✕ | ·01 | ✕ | ·04 | 31 d. |
| TOTAL | ·76 | ·53 | 1·44 | 2·36 | ·79 | 2·05 | 1·61 | 3·16 | 1·66 | 2·27 | 1·33 | 3·31 | YEAR'S TOTAL<br>21·24 ✓ |
| *Days with ·01 in. or more. | ~~10~~ | ~~3~~ | ~~11~~ | ~~10~~ | ~~5~~ | ~~7~~ | ~~8~~ | ~~14~~ | ~~11~~ | ~~13~~ | ~~10~~ | ~~15~~ | ~~117~~ |
| *Days with .04 in. or more. | ~~4~~ | ~~2~~ | ~~11~~ | ~~10~~ | ~~4~~ | ~~7~~ | ~~8~~ | ~~12~~ | ~~11~~ | ~~12~~ | ~~9~~ | ~~15~~ | ~~105~~ |

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*) T. R. Cummings

[P.T.O.

3514

**Section** **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

M07

Kept at Ropner Park Stockton on Tees

in the County of Durham

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground ........ ft 9 in.

,, Ground ,, Sea Level ........ ft.

oct. + yr. corrected for arith. – obsr. notified

seen

Aug corrected by [illegible] slips & observer

WITH

RECEIVED 7 JAN 1936

21

INITIALS

RELEVANT FILE

No.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·34 | | ·05 | ·14 | | | | | ·23 | ·04 | ·06 | | 1 |
| 2 | ·02 | | | ·18 | | ·15 | | | | ·36 | | | 2 |
| 3 | | ·49 | ·09 | | | | | | ·02 | | ·36 | | 3 |
| 4 | | | | | | ·42 | | | | 1·19 | | | 4 |
| 5 | ·20 | ·39 | ·10 | | | ·06 | | | ·48 | ·22 | | | 5 |
| 6 | ·24 | | | | | | | | | ·06 | | | 6 |
| 7 | ·16 | | ·16 | | | ·52 | | | | ·13 | ·35 | ·08 | 7 |
| 8 | | | | | | ·08 | | | | | ·10 | ·10 | 8 |
| 9 | | ·19 | ·20 | | | ·14 | | | | ·43 | ·05 | | 9 |
| 10 | | | | | | ·14 | | | | | | | 10 |
| 11 | | | | | | | | | | | | | 11 |
| 12 | ·05 | | | | ·14 | | | ·43 | | | | | 12 |
| 13 | ·10 | | | | ·20 | | | | | | | (Snow | 13 wet) |
| 14 | | | | ·15 | | | ·16 | | ·10 | | ·29 | ·18 | 14 |
| 15 | | ·22 | | ·38 | | ·10 | ·02 | | ·19 | ·13 | | | 15 |
| 16 | | ·02 | ·04 | ·16 | Snow<br>·30 | ·65 | | | ·14 | | ·34 | (Snow | 16 wet) |
| 17 | | | | ·25 | | ·16 | | ·10 | | | 1·06 | ·08 | 17 |
| 18 | ·05 | | | | | | ·02 | ·26 | | | ·24 | | 18 |
| 19 | ·01 | | | ·05 | | ·20 | | | | ·15 | ·07 | (Snow | 19 wet) |
| 20 | | ·24 | | ·47 | | ·08 | ·17 | | | ·20 | ·04 | ·22 | 20 |
| 21 | | | | ·04 | | | | | 1·00 | ·15 | ·10 | | 21 |
| 22 | | ·36 | | | | | | | | ·18 | | | 22 |
| 23 | ·02 | | ·24 | | | | | ·23 | ·98 | | | (Snow | 23 wet) |
| 24 | ·07 | ·61 | ·08 | | | ·09 | | ·02 | | | | ·49 | 24 |
| 25 | ·11 | | | | | | | ~~·26~~ | ·23 | ·05 | | ·11 | 25 |
| 26 | | | | ·03 | | | | ·84 | ·22 | | | | 26 |
| 27 | ·48 | | | | | | | ·02 | ·39 | | | ·55 | 27 |
| 28 | | ·16 | ·10 | | | | | | | ·31 | | | 28 |
| 29 | | | ·10 | | | | | ·13 | | | | | 29 |
| 30 | | × | | | | ·30 | | ·12 | ·10 | ·20 | ·34 | | 30 d |
| 31 | | × | | × | | × | | | × | | × | ·18 | 31 |
| TOTAL | 1·85 | 2·68 | 1·16 | 1·85 | ·64 | 3·09 | ·37 | 2·21<br>~~2·44~~ | 4·08 | 3·~~7~~80 | 3·40 | 1·99 | YEAR'S TOTAL<br>~~26·42~~<br>~~27·32~~<br>27·12 |
| *Days with ·01 in. or more. | ~~13~~ | ~~9~~ | ~~10~~ | ~~10~~ | ~~3~~ | ~~14~~ | ~~4~~ | ~~10~~ | ~~12~~ | ~~15~~ | ~~13~~ | ~~9~~ | |
| *Days with ·04 in. or more. | ~~10~~ | ~~8~~ | ~~10~~ | ~~10~~ | ~~3~~ | ~~14~~ | ~~2~~ | ~~8~~ | ~~11~~ | ~~15~~ | ~~13~~ | ~~9~~ | |

Sept 23–28 cor'd 7/8. Dec/9/63 w/ [illegible] records

40-9999

(Signed) J. H. Cummings

[P.T.O.

*See Instruction 2 (*f*) on other side.

3514

Section **A** for the entry of Daily Observations.

**FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 19~~2~~36

*Kept at* Ropner Park, Stockton, on, Tees
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft. 10 in.
" Ground " Sea Level ft.

B.A ✓

Corrected for B.A. 25/1/37 CWR.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

| Date. | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·08 | | ·16 | ·04 | | | ·01 | ·32 | | | | | 1 |
| 2 | | | | | | ·44 | 05 | | | | | | 2 |
| 3 | | | | | | 1·19 | | | ·40 | | | ·05 | 3 |
| 4 | ·14 | | ·03 | | | | | ·40 | ·10 | | | | 4 |
| 5 | | | | | ·06 | | | ·20 | ·51 | | ·04 | | 5 |
| 6 | ·06 | | | | | | | ·81 | | ·04 | | ·10 | 6 |
| 7 | ·11 | | | | | ·02 | | | | | ·05 | | 7 |
| 8 | ·07 | | ·22 | | | | ·95 | | | | | | 8 |
| 9 | ·50 | | ·46 | | | | | | | ·29 | ·10 | | 9 |
| 10 | ·04 | | | | | | ·06 | | | | ·12 | | 10 |
| 11 | | | | ·15 | | | ·26 | ·06 | | | ·48 | | 11 |
| 12 | | | | ·10 | ·20 | ·21 | ·06 | | ·24 | | ·29 | | 12 |
| 13 | | | | ·18 | | ·10 | ·05 | ·05 | | | | ·54 | 13 |
| 14 | | | | | | ·12 | | | 2·29 ✓ | ·10 | ·23 | 74 | 14 |
| 15 | Snow ·06 | | | ·20 | | | ·16 | ·15 | | | | | 15 |
| 16 | Snow ·10 | | | | | | | | | | ·45 | | 16 |
| 17 | | | | | | | ·20 | | | ·08 | ·19 | | 17 |
| 18 | | ·30 | | ·22 | ·03 | | ·02 | ·29 | | | | | 18 |
| 19 | | ·35 | | | | | | ·04 | | ·10 | | | 19 |
| 20 | ·41 | ·05 | | | | | ·19 | | | | | | 20 |
| 21 | | | | | | | | | | | | ·33 | 21 |
| 22 | | ·36 | ·05 | | ·15 | ·35 | | | | ·05 | | | 22 |
| 23 | | ·05 | | | ·16 | | ·53 | | | | | | 23 |
| 24 | | ·10 | | | ·55 | | | | ·10 | | | | 24 |
| 25 | | | | | | | | | ·81 | | | | 25 |
| 26 | ·28 | | ·28 | | | | | | | ·03 | | | 26 |
| 27 | | | | | | | | | ·29 | | | ·06 | 27 |
| 28 | ·25 | ·75 | | | | | ·11 | | | | | | 28 |
| 29 | ·70 | ·67 | | | ·45 | ·44 | | | | | ·06 | | 29 |
| 30 | | × | | | | ·22 | ·42 | | | ·51 | ·11 | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 'd' |
| TOTAL | 2·80 | 2·63 | ~~1·70~~ 1·20 | ·89 | ~~1·70~~ 1·60 | 3·09 | 3·07 | 2·32 | 4·74 | 1·20 | 2·12 | ~~1·87~~ 1·82 | YEAR'S TOTAL ~~27·73~~ 27·48 |
| Days with ·01 in. or more. | 13 | 8 | 7 | 6 | 8 | 9 | 14 | 9 | 8 | 8 | 11 | 7 | 108 |
| Days with ·04 in. or more. | 13 | 8 | 6 | 6 | 7 | 8 | 12 | 9 | 8 | 7 | 11 | 7 | 102 |

40-12-1-27
144w)

(Signed) J.R. Cummings [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3514

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Ropner Park, Stockton, on Tees

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ... ft. 10 in.

„ Ground „ Sea Level ... ft.

B A

Ann total & days corr for arith S. 10.1.38

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | ·03 | | | | | ·30 | | 1 |
| 2 | | | | ·56 | | | | | | | | | | 2 |
| 3 | | ·04 | | ·09 | | ·45 | | | | | | ·20 | | 3 |
| 4 | | | ·05 | | | | | | ·13 | | | ·08 | | 4 |
| 5 | | | ·12 | | | | | | | | | | | 5 |
| 6 | | | ·03 | ·06 | | ·03 | | ·20 | | | ·05 | ·26 | | 6 |
| 7 | | | ·15 | | ·15 | ·03 | ·15 | | | | ·04 | ·07 | | 7 |
| 8 | | ·38 | ·43 | ·20 | | | | | | | ·09 | ·10 | | 8 |
| 9 | | | | | ·05 | | | | | | | ·20 | | 9 |
| 10 | | | ·11 | | ·40 | | ·22 | | | | | ·48 | | 10 |
| 11 | | | ·62 | ·16 | ·17 | | | | | | | ·54 | | 11 |
| 12 | | ·30 | | ·15 | ·09 | ·25 | | | ·20 | | | | | 12 |
| 13 | | ·05 | | ·08 | ·07 | ·10 | | | | | | ·32 | | 13 |
| 14 | | | ·31 | | | 1·02 | | ·70 | ·06 | | | ·27 | | 14 |
| 15 | ·12 | ·41 | ·04 | ·16 | | | | ·05 | | | | ·10 | | 15 |
| 16 | | | ·07 | ·25 | | | | | ·52 | | | ·46 | | 16 |
| 17 | ·08 | ·04 | ·09 | ·24 | | ·05 | | | ·06 | | | | | 17 |
| 18 | ·35 | | ·19 | | | ·20 | | | | | ·10 | | | 18 |
| 19 | | ·06 | | ·14 | | | | | | | 1·36 | | | 19 |
| 20 | ·07 | | | | ·75 | | | | | | | | | 20 |
| 21 | | | | | | ·05 | ·25 | | | | | | | 21 |
| 22 | ·03 | | ·16 | | | | | | | ·15 | ·05 | | | 22 |
| 23 | ·08 | | | | ·46 | | ·15 | | | ·49 | | | | 23 |
| 24 | ·16 | | | | | | ·18 | | ·14 | | | | | 24 |
| 25 | ·10 | ·16 | | | | | | ·12 | | ·09 | | | | 25 |
| 26 | ·04 | ·17 | | | | | | | | | | | | 26 |
| 27 | ·02 | ·40 | ·06 | | | | ·02 | | | ·20 | | | | 27 |
| 28 | ·04 | ·39 | | ·22 | | | | | | | | ·05 | | 28 |
| 29 | ·06 | | | | | | | | | ·10 | | ·07 | | 29 |
| 30 | ·20 | ✕ | | | | ·08 | | | | ·06 | ·30 | | | 30 |
| 31 | ·30 | ✕ | | ✕ | | ✕ | | | ✕ | ·17 | ✕ | | | 31 |
| TOTAL | 1·65 | 2·40 | 2·43 | 2·31 | 2·14 | 2·26 | 1·00 | 1·07 | 1·11 | 1·26 | 1·99 | 3·50 | Year's Total ~~22·62~~ | 23.12 |
| * Days with .01 in. or more. | 14 | 11 | 14 | 12 | 8 | 10 | 7 ~~6~~ | 4 | 6 | 7 | 7 | 15 | ~~114~~5 | |
| * Days with .04 in. or more. | 12 | 11 | 13 | 12 | 8 | 8 | 5 | 4 | 6 | 7 | 7 | 15 | ~~106~~8 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. R. Cummings

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3514

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Period 30th Sept to 1st Nov adjusted to agree with nearby stations. S.B.

B.A.

W.J.F.

Kept at Ropner Park Stockton on Tees

in the County of Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·10 | | | | | ·98 | | | | | (·10) ~~·20~~ | ·10 | | 1 |
| 2 | ·40 | | | | | ·12 | | | | ~~·70~~ | ·08 | | | 2 |
| 3 | ·10 | | | | | | | | ·13 | | | | | 3 |
| 4 | ·08 | ·05 | | | | ·11 | ·25 | | ·03 | | | | | 4 |
| 5 | | | | | | | ·40 | ·70 | | (1·80) | | ·40 | | 5 |
| 6 | | | | | | | ·27 | | | | | | | 6 |
| 7 | ·15 | ·04 | | | | | | | ·12 | | | | | 7 |
| 8 | ·13 | | | | | | ·16 | ·27 | | ~~·25~~ | | | | 8 |
| 9 | ·11 | | | | ·10 | ·07 | | | | | | ·35 | | 9 |
| 10 | | | | | | ·30 | ·08 | | | ~~·78~~ | | | | 10 |
| 11 | | | | | | | | | ·06 | ·11 | | | | 11 |
| 12 | ·16 | ·40 | | | ·02 | | | | | ·45 | | | | 12 |
| 13 | | ·22 | | | | | ·03 | | ·10 | | ·45 | ·18 | | 13 |
| 14 | ·20 | | | | ·05 | | | | | | | | | 14 |
| 15 | | | | | | | ·52 | | | | | ·15 | | 15 |
| 16 | | | | | ·39 | | ·57 | ·22 | ·30 | ·10 | | | | 16 |
| 17 | | | | | | | | ·13 | | | ·20 | | | 17 |
| 18 | ·18 | ·05 | | | ·14 | | | ·07 | ·06 | | | ·10 | | 18 |
| 19 | | | | | | | | | ·16 | ·05 | | ·17 | | 19 |
| 20 | ·06 | | | | | | | ·32 | ·04 | | ·30 | ·23 | | 20 |
| 21 | | | | | | | | | | | | ·12 | | 21 |
| 22 | ·04 | | | | | ·15 | | ·41 | | ·15 | | ·15 | | 22 |
| 23 | | | | | ·38 | | | | ·05 | | ·29 | ·13 | | 23 |
| 24 | | | | | ·14 | | | ·45 | ·20 | | | ·04 | | 24 |
| 25 | | | ·10 | ·03 | ·06 | ·08 | ·29 | | | ·45 | ·10 | | | 25 |
| 26 | ·10 | ·57 | ·04 | | ·14 | | | | | ·13 | | | | 26 |
| 27 | | | | | ·16 | | ·10 | ·09 | ·05 | | ·27 | | | 27 |
| 28 | | | | | ·62 | ·20 | | ·05 | | | | | | 28 |
| 29 | | | | ·04 | | | | | | | ·20 | ·03 | | 29 |
| 30 | | ✕ | | | | ·10 | | | (·10) | | ·26 | | | 30 |
| 31 | | ✕ | | ✕ | ·12 | ✕ | | ·10 | ✕ | (·10) | ✕ | ·30 | | 31 |
| TOTAL | 1·81 ✓ | 1·33 ✓ | ·14 ✓ | ·07 ✓ | 2·32 ✓ | 2·11 ✓ | 2·67 ~~2·37~~ | 2·81 ✓ | (1·40) ✓ ~~1·30~~ | ~~1·94~~ ~~2·21~~ (3·34) | (2·30) ~~2·46~~ | 2·45 ~~2·73~~ | Year's Total ~~21·60~~ | ~~21·36~~ ~~20·95~~ (22·75) |
| * Days with .01 in. or more. | 13 | 6 | 2 | 2 | 12 | 9 | 10 | 11 | 12 | 10 | 10 | 14 | 111 | |
| * Days with .04 in. or more. | 13 ~~12~~ | 6 | 2 | 2 | 10 | 9 | 9 | 11 | 11 | 10 | 10 | 13 | 103 | |

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(Signed) J. R. Cummings

[P.T.O.

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations

Station No. 3514

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Ropner Park Stockton on Tees

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level ft.

File NUMBER 796 168/27

BA

? Total Days

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·30 | | | | | | | | | | | | | 1 |
| 2 | | | | ·04 | | | ·10 | ·65 | | ·38 | | | | 2 |
| 3 | | | | ·16 | | | | ·07 | ·35 | ·08 | | | | 3 |
| 4 | | | ·15 | ·05 | | | | | ·03 | | ·23 | ·21 | | 4 |
| 5 | | | | | | | | | | ·06 | ·13 | | | 5 |
| 6 | ·27 | | | | ·03 | | ·58 | | ·06 | ·43 | | ·10 | | 6 |
| 7 | | ·05 | | | ·23 | | ·20 | | | | ·67 | | | 7 |
| 8 | | | | | | | ·11 | | | ·05 | | ·39 | | 8 |
| 9 | ·40 | | | ·01 | | | | | ·03 | | | ·20 | | 9 |
| 10 | ·30 | | | | | ·03 | | | | ·06 | | | | 10 |
| 11 | ·39 | ·15 | ·35 | | | ·28 | | | | | | | | 11 |
| 12 | | | | ·03 | | | | | | ·10 | ·03 | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | ·08 | | | | ·10 | ·38 | | | | ·15 | | | | 14 |
| 15 | ·14 | | | | | ·06 | | | | ·03 | | | | 15 |
| 16 | | | | | | | | | | ·07 | ·05 | ·07 | | 16 |
| 17 | ·20 | | | | ·66 | | | | | | | | | 17 |
| 18 | ·28 | | ·20 | | ·05 | ·60 | | | | | ·53 | | | 18 |
| 19 | | | | | | ·25 | | | | | | ·68 | | 19 |
| 20 | | | | | | ·34 | | ·60 | | | | | | 20 |
| 21 | ·25 | ·06 | | | | | | | | | | | | 21 |
| 22 | ·07 | | | ·23 | | | | | | | | | | 22 |
| 23 | | | ·05 | ·17 | | ·06 | | | | | | | | 23 |
| 24 | | | ·04 | ·19 | | | | | | | | | | 24 |
| 25 | ·33 | | | | | | | | | | | | | 25 |
| 26 | | ·27 | ·08 | | | | | | | ·58 | | | | 26 |
| 27 | ·04 | ·07 | ·51 | | | | | ·19 | | ·13 | ·15 | | | 27 |
| 28 | ·31 | ·05 | ·35 | | | | | | | | ·05 | | | 28 |
| 29 | ·08 | | ·07 | | | | ·48 | | | ·55 | | | | 29 |
| 30 | | ✕ | | | | ·04 | ·23 | | | | ·10 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·06 | ✕ | | | 31 |
| TOTAL | 3·44 | ·65 | 1·80 | ·82 | 1·07 | 1·74 | 1·70 | 1·51 | ·47 | 2·73 | 1·94 | 1·05<br>·95 | Year's Total 18·82 | 18·92 |
| * Days with .01 in. or more. | 15 | 6 | 9 | 8 | 5 | 9 | 6 | 4 | 4 | 14 | 9 | 6 | 95 | |
| * Days with .04 in. or more. | 15 | 6 | 9 | 6 | 4 | 8 | 6 | 4 | 2 | 13 | 8 | 6 | 87 | |

Low?

wr WDI.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. R. Cumming

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3514

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

Kept at Ropner Park, Stockton-on-Tees

in the County of Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 1 0 in.

,, Ground ,, Sea Level ~~4~~ 61 ft.

Jan corr. for snow

July & Aug. corrd. for Arith

RA

Days

up 1939

low

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | ·25 | | ·26 | | | | | | | ·15 | | | 1 |
| 2 | | | | | | | | | | | ·27 | ·06 | | 2 |
| 3 | | ·05 | | ·15 | | | | | | | | ·03 | | 3 |
| 4 | | ·15 | | | | | ·03 | | | ·23 | ·34 | | | 4 |
| 5 | | | | | | | ·38 | | | ·44 | | ·21 | | 5 |
| 6 | | | | | | | ·22 | | | ·31 | | ·12 | | 6 |
| 7 | | ·34 | | | | | ·08 | ·05 | | | | | | 7 |
| 8 | | | | | | | | ·15 | | | | ·12 | | 8 |
| 79 9 | snow (·15) ~~·45~~ | | ·30 | | | | ·68 | | | | ·34 | ·06 | | 9 |
| 10 | | | ·07 | | | | 1·05 | | | | ·36 | | | 10 |
| 11 | | snow ·35 | | | | | ·50 | | | | ·09 | ·03 | | 11 |
| 12 | | | ·58 | | | ·03 | | | ·17 | | | | | 12 |
| 13 | | | ·12 | | | | | | | | | | | 13 |
| 14 | snow (·23) ~~·83~~ | | | | | | ·32 | | | | | ·09 | | 14 |
| 15 | snow ·10 | | | | ·27 | | | | | | | | | 15 |
| 16 | | | | | | ·08 | ·67 | | ·70 | ·38 | ·41 | | | 16 |
| 17 | | | ·20 | ·54 | | | 1·74 | | | | ·53 | | | 17 |
| 18 | | snow ·15 | ·09 | ·11 | | | | ·33 | | | ·63 | ·08 | | 18 |
| 19 | snow ·37 | | | ·04 | | | ·25 | | | | ·23 | ·03 | | 19 |
| 20 | | | | | | | ·20 | ·55 | | | ·02 | | | 20 |
| 21 | | snow ·05 | ·08 | | | ·34 | | | | | ·53 | | | 21 |
| 22 | | | ·05 | | ·15 | | | | ·18 | | | | | 22 |
| 23 | | | ·02 | | | | | | | ·25 | ·02 | ·08 | | 23 |
| 24 | | | | | | ·08 | | | | ·15 | ·02 | ·07 | | 24 |
| 25 | | | | | | | ·11 | | | ·09 | | | | 25 |
| 26 | | | | ·20 | ·05 | | ·23 | ·17 | | | | ·01 | | 26 |
| 27 | | | | ·17 | | | | | | | | | | 27 |
| 28 | | | | | ·35 | | | ·15 | | | | ·02 | | 28 |
| 29 | | | | | ·09 | ·22 | | | | | | ·12 | | 29 |
| 30 | snow ·65 | ✕ | | | | | | | | ·35 | | ·76 | | 30 Part |
| 31 | ·57 | ✕ | | ✕ | | ✕ | | | ✕ | ·24 | ✕ | snow ·18 | | 31 |
| TOTAL | 2·17 ~~2·77~~ | 1·34 | 1·51 | 1·47 | ·91 | ·75 | 6·4~~4~~ 6 | 1·4~~5~~ 0 | 1·05 | 2·44 | 3·94 | 2·07 | Year's Total ~~26·11~~ | 25·51 |
| * Days with .01 in. or more. | ~~6~~ | 7 | ~~x~~9 | 7 | 5 | 5 X | 14 X | 6 | 3 | 9 | 14 8 | ~~5~~ 17 | 11 | ~~102~~ |
| * Days with .04 in. or more. | 6 | 7 | 8 | 7 | 5 | 4 | 13 | 6 | 3 | 9 | 11 | 12 | ~~91~~ | d" |

Footnote Gauge moved ¼ m. N. 18.11.40.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) J. R. Cummings P.T.

[P.T.O.

X Park Curator X

35 14/5

STOCKTON-ON-TEES

1931

780701

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

# REGIST

Kept at STOCKTON-ON-TEE

in the County of DURHAM.

Diameter of Funnel of Gauge 5

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*

*year in the space on the right of th*

35 14/5

FOR OFFICIAL USE.

ORGANIZATION. Can A

Black Sunk,

/29. BL.

*lowing*

Jan. 1, following

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | ·02 | ·32 | - | Trace | ·01 | Trace | - | ·32 | Trace | - | - | 1 |
| 2 | - | ·06 | - | ·75 | - | ·58 | Trace | - | 1·20 | ·02 | Trace | ·12 | 2 |
| 3 | - | Trace | - | ·12 | - | ·08 | ·08 | - | ·95 | - | ·18 | ·14 | 3 |
| 4 | ·01 | ·08 | - | ·02 | - | - | ·05 | - | 1·96 | - | ·04 | ·01 | 4 |
| 5 | - | - | - | - | ·01 | ·64 | ·12 | ·15 | ·01 | - | Trace | ·25 | 5 |
| 6 | - | ·07 | ·15 | - | - | ·41 | ·78 | ·06 | ·05 | ·12 | Trace | - | 6 |
| 7 | - | Trace | ·05 | - | - | ·14 | - | Not taken | - | ·02 | ·19 | Trace | 7 |
| 8 | ·04 | Trace | ·14 | ·07 | ·13 | ·11 | ·67 | Two Days<br>·33 | - | Trace | ·09 | - | 8 |
| 9 | - | ·05 | ·41 | ·11 | ·04 | ·05 | ·07 | ·14 | Trace | - | ·34 | ·11 | 9 |
| 10 | Trace | Trace | ·27 | Trace | ·05 | ·09 | Trace | ·03 | - | - | ·16 | - | 10 |
| 11 | ·02 | ·16 | ·01 | Trace | - | ·01 | ·03 | Trace | Trace | - | Trace | Trace | 11 |
| 12 | - | - | - | Trace | - | ·04 | ·81 | ·08 | - | ·26 | ~~A~~ - | - | 12 |
| 13 | ·15 | - | ·11 | - | Trace | ·01 | ·03 | ·03 | Trace | - | - | - | 13 |
| 14 | ·02 | ·10 | ·03 | - | ·01 | ·65 | ·06 | ·69 | Trace | - | ·16 | ·03 | 14 |
| 15 | Trace | ·03 | - | ·17 | ·22 | ·02 | ·24 | Not taken | Trace | - | ·06 | Trace | 15 |
| 16 | Trace | ·21 | - | ·07 | - | ·22 | ·09 | Two Days<br>·29 | ·19 | - | ·01 | - | 16 |
| 17 | - | ·09 | - | ·62 | - | ·09 | ·07 | ·02 | Trace | Tr | - | - | 17 |
| 18 | ·05 | ·04 | - | Summer Time<br>·27 | - | ·30 | ·09 | Trace | ·01 | Tr | ·38 | - | 18 |
| 19 | ·03 | ·07 | - | ·05 | Trace | ·33 | ·02 | 1·00 | ·03 | ·03 | Trace | - | 19 |
| 20 | ·01 | ·04 | ·01 | ·06 | - | ·01 | - | Trace | ·05 | - | ·03 | Trace | 20 |
| 21 | - | - | - | ·03 | ·05 | - | - | ·03 | ·04 | - | - | - | 21 |
| 22 | ·05 | ·01 | ·04 | ·05 | ·21 | ·06 | - | - | ·05 | - | - | - | 22 |
| 23 | ·07 | ·03 | - | ·08 | ·06 | ·32 | ·12 | - | ·09 | ·04 | ·15 | Trace | 23 |
| 24 | - | Trace | - | ·08 | ·5 | - | ·20 | ·06 | ·03 | ·04 | - | - | 24 |
| 25 | - | - | - | ·02 | ·01 | - | ·22 | - | - | - | ·01 | - | 25 |
| 26 | - | - | - | ·11 | ·01 | - | ·03 | - | Trace | - | ·29 | - | 26 |
| 27 | ·02 | - | - | ·10 | - | - | ·01 | - | - | ·05 | ·07 | Trace | 27 |
| 28 | ·14 | - | ·01 | ·15 | ·37 | - | Trace | - | Trace | - | Trace | Trace | 28 |
| 29 | ·20 | ✕ | Trace | - | - | - | ·19 | - | - | ·52 | Trace | ·40 | 29 |
| 30 | ·06 | ✕ | - | - | Not Taken | - | ·20 | - | - | - | - | - | 30 |
| 31 | ·12 | ✕ | - | ✕ | Two days<br>1·00 | ✕ | ·01 | - | ✕ | ·06 | ✕ | Trace. | 31 |
| TOTAL | ·99 | 1·06 | 1·55 | 2·93 | 2·67 | 4·17 | 4·19 | 2·91 | 4·98 | 1·16 | 2·16 | 1·06 | YEAR'S TOTAL<br>29·83 |
| *Days with ·01 in. or more. | (15) 6 | (15) 4 | (12) 4 | (19) 3 | (14) 4 | (21) 5 | (23) 6 | (14) 4 | (14) 4 | (10) 3 | (15) 3 | (7) 2 | 179 |
| *Days with ·04 in. or more. | 9 | 11 | 8 | 16 | 10 | 16 | 17 | 10 | 10 | 7 | 12 | 5 | 131 |

40-9999

(Signed) William E. Pagdin.

[P.T.O.

*See Instruction 2 (*f*) on other side.

**Section** **A** for the entry of

FOR OFFICIAL USE.

3514/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. Lin A

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* STOCKTON-ON-TEES.

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5ins. in.

Height of top of Gauge above Ground 1 ft 4 in.

,, Ground ,, Sea Level 25 ft.

already on Black Sheet.
File 896547/29. BL.

Examine
Campaign

85774/31

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | – | ·02 | ·32 | – | Trace | ·01 | Trace | – | ·32 | Trace | – | – | 1 |
| 2 | – | ·06 | – | ·75 | – | ·58 | Trace | – | 1·20 | ·02 | Trace | ·12 | 2 |
| 3 | – | Trace | – | ·12 | – | ·08 | ·08 | – | ·95 | – | ·18 | ·14 | 3 |
| 4 | ·01 | ·08 | – | ·02 | – | – | ·05 | – | 1·96 | – | ·04 | ·01 | 4 |
| 5 | – | – | – | – | ·01 | ·64 | ·12 | ·15 | ·01 | – | Trace | ·25 | 5 |
| 6 | – | ·07 | ·15 | – | – | ·41 | ·78 | ·06 | ·05 | ·12 | Trace | – | 6 |
| 7 | – | Trace | ·05 | – | – | ·14 | – | Not taken | – | ·02 | ·19 | Trace | 7 |
| 8 | ·04 | Trace | ·14 | ·07 | ·13 | ·11 | ·67 | Two Days ·33 | – | Trace | ·09 | – | 8 |
| 9 | – | ·05 | ·41 | ·11 | ·04 | ·05 | ·07 | ·14 | Trace | – | ·34 | ·11 | 9 |
| 10 | Trace | Trace | ·27 | Trace | ·05 | ·09 | Trace | ·03 | – | – | ·16 | – | 10 |
| 11 | ·02 | ·16 | ·01 | Trace | – | ·01 | ·03 | Trace | Trace | – | Trace | Trace | 11 |
| 12 | – | – | – | Trace | – | ·04 | ·81 | ·08 | – | ·26 | ~~T~~– | – | 12 |
| 13 | ·15 | – | ·11 | – | Trace | ·01 | ·03 | ·03 | Trace | – | – | – | 13 |
| 14 | ·02 | ·10 | ·03 | – | ·01 | ·65 | ·06 | ·69 | Trace | – | ·16 | ·03 | 14 |
| 15 | Trace | ·03 | – | ·17 | ·22 | ·02 | ·24 | Not taken | Trace | – | ·06 | Trace | 15 |
| 16 | Trace | ·21 | – | ·07 | – | ·22 | ·09 | Two Days ·29 | ·19 | – | ·01 | – | 16 |
| 17 | – | ·09 | – | ·62 | – | ·09 | ·07 | ·02 | Trace | Tr | – | – | 17 |
| 18 | ·05 | ·04 | – | Summer Time ·27 | – | ·30 | ·09 | Trace | ·01 | Tr | ·38 | – | 18 |
| 19 | ·03 | ·07 | – | ·05 | Trace | ·33 | ·02 | 1·00 | ·03 | ·03 | Trace | – | 19 |
| 20 | ·01 | ·04 | ·01 | ·06 | – | ·01 | – | Trace | ·05 | – | ·03 | Trace | 20 |
| 21 | – | – | – | ·03 | ·05 | – | – | ·03 | ·04 | – | – | – | 21 |
| 22 | ·05 | ·01 | ·04 | ·05 | ·21 | ·06 | – | – | ·05 | – | – | – | 22 |
| 23 | ·07 | ·03 | – | ·08 | ·06 | ·32 | ·12 | – | ·09 | ·04 | ·15 | Trace | 23 |
| 24 | – | Trace | – | ·08 | ·5 | – | ·20 | ·06 | ·03 | ·04 | – | – | 24 |
| 25 | – | – | – | ·02 | ·01 | – | ·22 | – | – | – | ·01 | – | 25 |
| 26 | – | – | – | ·11 | ·01 | – | ·03 | – | Trace | – | ·29 | – | 26 |
| 27 | ·02 | – | – | ·10 | – | – | ·01 | – | – | ·05 | ·07 | Trace | 27 |
| 28 | ·14 | – | ·01 | ·15 | ·37 | – | Trace | – | Trace | – | Trace | Trace | 28 |
| 29 | ·20 | × | Trace | – | – | – | ·19 | – | – | ·52 | Trace | ·40 | 29 |
| 30 | ·06 | × | – | – | Not Taken | – | ·20 | – | – | – | – | – | 30 |
| 31 | ·12 | × | – | × | Two days 1·00 | × | ·01 | – | × | ·06 | × | Trace | 31 |
| TOTAL | ·99 | 1·06 | 1·55 | 2·93 | 2·67 | 4·17 | 4·19 | 2·91 | 4·98 | 1·16 | 2·16 | 1·06 | YEAR'S TOTAL 29·83 |
| *Days with ·01 in. or more. | (15) 6 | (15) 4 | (12) 4 | (19) 3 | (14) 4 | (21) 5 | (23) 6 | (14) 4 | (14) 4 | (10) 3 | (15) 3 | (7) 2 | 179 |
| *Days with ·04 in. or more. | 9 | 11 | 8 | 16 | 10 | 16 | 17 | 10 | 10 | 7 | 12 | 5 | 131 |

40-9999

(Signed) William E. Pagdin.

[P.T.O.

*See Instruction 2 (*f*) on other side.

3515

Section **A** for the entry of Daily Ob

AIR MINISTRY.—METE

OFFICIAL USE.

ZATION.

FORM 1090.

# REGISTER

*Kept at* BILLINGHAM

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft

,, Ground ,, Sea Level X

**THE MORNING MEASUREMENT**

*An observer who does not conform to this rule sho*
*year in the space on the right of this paragraph*

**Please rea**

Jan. 1, following

3515

STOCKTON-ON-TEES

BILLINGHAM

1931 —— 40

780701

| Date | Jan. | Feb. | March | April | M | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | NIL | ·02 | ·24 | NIL | NIL | NIL | NIL | NIL | ·27 | NIL | NIL | TRACE | 1 |
| 2 | TRACE | ·07 | ·01 | ·66 | NIL | ·53 | NIL | NIL | ·57 | NIL | TRACE | ·13 | 2 |
| 3 | ·03 | NIL | NIL | ·10 | NIL | ·08 | ·06 | NIL | ·70 | NIL | ·20 | ·14 | 3 |
| 4 | ·08 | ·05 | NIL | ·055 | NIL | NIL | ·065 | NIL | 1·90 | NIL | ·05 | ·02 | 4 |
| 5 | NIL | ·025 | NIL | NIL | TRACE | ·45 | ·08 | ·15 | TRACE | NIL | TRACE | ·12 | 5 |
| 6 | NIL | ·06 | ·05 | NIL | NIL | ·37 | ·885 | ·12 | ·055 | ·09 | NIL | TRACE | 6 |
| 7 | NIL | NIL | ·03 | NIL | NIL | ·19 | NIL | ·17 | NIL | ·03 | ·075 | TRACE | 7 |
| 8 | ·08 | TRACE | | ·05 | ·11 | ·14 | ·54 | ·22 | NIL | NIL | ·06 | NIL | 8 |
| 9 | NIL | ·06 | ·24 | ·08 | ·02 | ·05 | ·02 | ·065 | TRACE | NIL | ·30 | ·06 | 9 |
| 10 | ·01 | ·01 | ·21 | NIL | ·02 | ·06 | ·01 | ·045 | NIL | NIL | ·13 | TRACE | 10 |
| 11 | ·05 | ·175 | NIL | NIL | NIL | ·01 | ·06 | TRACE | TRACE | NIL | TRACE | TRACE | 11 |
| 12 | ·06 | NIL | NIL | NIL | NIL | TRACE | ·56 | ·04 | NIL | ·24 | NIL | NIL | 12 |
| 13 | ·18 | NIL | ·13 | NIL | TRACE | ·01 | ·04 | ·015 | NIL | NIL | NIL | NIL | 13 |
| 14 | ·04 | ·095 | ·05 | NIL | ·02 | ·56 | ·125 | ·63 | NIL | NIL | ·075 | ·02 | 14 |
| 15 | NIL | ·03 | NIL | ·15 | ·18 | ·01 | ·045 | ·43 | NIL | NIL | ·025 | ·03 | 15 |
| 16 | ·01 | ·215 | NIL | ·06 | NIL | ·18 | ·045 | ·18 | TRACE | TRACE | NIL | NIL | 16 |
| 17 | NIL | ·04 | NIL | ·68 | NIL | ·20 | ·05 | ·01 | ·13 | ·015 | NIL | NIL | 17 |
| 18 | ·15 | ·025 | NIL | | NIL | ·32 | NIL | NIL | ·01 | NIL | ·37 | NIL | 18 |
| 19 | ·015 | ·055 | NIL | ·02 | NIL | ·20 | NIL | ·56 | ·05 | ·03 | NIL | NIL | 19 |
| 20 | NIL | ·55 | NIL | ·04 | NIL | ·01 | NIL | NIL | ·04 | NIL | ·02 | TRACE | 20 |
| 21 | ·01 | NIL | NIL | ·02 | ·01 | NIL | NIL | ·02 | ·04 | NIL | TRACE | NIL | 21 |
| 22 | ·09 | ·015 | ·06 | ·12 | ·13 | ·025 | NIL | NIL | ·04 | NIL | NIL | NIL | 22 |
| 23 | ·04 | ·025 | TRACE | ·03 | ·07 | ·25 | NIL | NIL | ·06 | TRACE | ·13 | TRACE | 23 |
| 24 | NIL | TRACE | NIL | ·03 | ·42 | NIL | ·10 | ·02 | ·04 | ·08 | NIL | NIL | 24 |
| 25 | NIL | TRACE | NIL | ·035 | ·01 | NIL | ·10 | NIL | NIL | NIL | NIL | NIL | 25 |
| 26 | NIL | NIL | NIL | ·10 | NIL | NIL | ·25 | NIL | NIL | NIL | ·27 | NIL | 26 |
| 27 | ·05 | NIL | TRACE | ·18 | NIL | NIL | TRACE | NIL | NIL | ·05 | ·05 | ·02 | 27 |
| 28 | ·15 | NIL | NIL | ·16 | ·43 | NIL | ·04 | NIL | NIL | NIL | TRACE | ·02 | 28 |
| 29 | ·30 | X | NIL | NIL | ·05 | NIL | TRACE | NIL | NIL | ·45 | TRACE | ·31 | 29 |
| 30 | ·065 | X | NIL | NIL | ·69 | NIL | ·25 | NIL | NIL | NIL | NIL | NIL | 30 |
| 31 | ·11 | X | NIL | X | ·02 | X | ·19 | NIL | X | ·11 | X | NIL | 31 |
| TOTAL | 1·520 | 1·520 | 1·020 | 2·570 | 2·180 | 3·65<br>3·645 | 3·515 | 2·675 | 3·905 | 1·095 | 1·755 | ·870 | YEAR'S TOTAL<br>26·270 |
| *Days with ·01 in. or more. | 19 | 17 | 9 | 18 | 14 | 19 | 20 | 15 | 13 | 9 | 13 | 10 | 176 |
| *Days with ·04 in. or more. | 14 | 10 | 7 | 14 | 8 | 14 | 18 | 11 | 12 | 6 | 11 | 5 | 126 |

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*See Instruction 2 (*f*) on other side.

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(Signed) J W Pearson

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3515

Section **A** for the entry of Daily Ob OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* BILLINGHAM

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 39 ft.

See note re move on attached return.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | NIL | ·02 | ·24 | NIL | NIL | NIL | NIL | NIL | ·27 | NIL | NIL | TRACE | 1 |
| 2 | TRACE | ·07 | ·01 | ·66 | NIL | ·53 | NIL | NIL | ·57 | NIL | TRACE | ·13 | 2 |
| 3 | ·03 | NIL | NIL | ·10 | NIL | ·08 | ·06 | NIL | ·70 | NIL | ·20 | ·14 | 3 |
| 4 | ·08 | ·05 | NIL | ·055 | NIL | NIL | ·065 | NIL | 1·90 | NIL | ·05 | ·02 | 4 |
| 5 | NIL | ·025 | NIL | NIL | TRACE | ·45 | ·08 | ·15 | TRACE | NIL | TRACE | ·12 | 5 |
| 6 | NIL | ·06 | ·05 | NIL | NIL | ·37 | ·885 | ·12 | ·055 | ·09 | NIL | TRACE | 6 |
| 7 | NIL | NIL | ·03 | NIL | NIL | ·19 | NIL | ·17 | NIL | ·03 | ·075 | TRACE | 7 |
| 8 | ·08 | TRACE | | ·05 | ·11 | ·14 | ·54 | ·22 | NIL | NIL | ·06 | NIL | 8 |
| 9 | NIL | ·06 | ·24 | ·08 | ·02 | ·05 | ·02 | ·065 | TRACE | NIL | ·30 | ·06 | 9 |
| 10 | ·01 | ·01 | ·21 | NIL | ·02 | ·06 | ·01 | ·045 | NIL | NIL | ·13 | TRACE | 10 |
| 11 | ·05 | ·175 | NIL | NIL | NIL | ·01 | ·06 | TRACE | TRACE | NIL | TRACE | TRACE | 11 |
| 12 | ·06 | NIL | NIL | NIL | NIL | TRACE | ·56 | ·04 | NIL | ·24 | NIL | NIL | 12 |
| 13 | ·18 | NIL | ·13 | NIL | TRACE | ·01 | ·04 | ·015 | NIL | NIL | NIL | NIL | 13 |
| 14 | ·04 | ·095 | ·05 | NIL | ·02 | ·56 | ·125 | ·63 | NIL | NIL | ·075 | ·02 | 14 |
| 15 | NIL | ·03 | NIL | ·15 | ·18 | ·01 | ·045 | ·43 | NIL | NIL | ·025 | ·03 | 15 |
| 16 | ·01 | ·215 | NIL | ·06 | NIL | ·18 | ·045 | ·18 | TRACE | TRACE | NIL | NIL | 16 |
| 17 | NIL | ·04 | NIL | ·68 | NIL | ·20 | ·05 | ·01 | ·13 | ·015 | NIL | NIL | 17 |
| 18 | ·15 | ·025 | NIL | | NIL | ·32 | NIL | NIL | ·01 | NIL | ·37 | NIL | 18 |
| 19 | ·015 | ·055 | NIL | ·02 | NIL | ·20 | NIL | ·56 | ·05 | ·03 | NIL | NIL | 19 |
| 20 | NIL | ·55 | NIL | ·04 | NIL | ·01 | NIL | NIL | ·04 | NIL | ·02 | TRACE | 20 |
| 21 | ·01 | NIL | NIL | ·02 | ·01 | NIL | NIL | ·02 | ·04 | NIL | TRACE | NIL | 21 |
| 22 | ·09 | ·015 | ·06 | ·12 | ·13 | ·025 | NIL | NIL | ·04 | NIL | NIL | NIL | 22 |
| 23 | ·04 | ·025 | TRACE | ·03 | ·07 | ·25 | NIL | NIL | ·06 | TRACE | ·13 | TRACE | 23 |
| 24 | NIL | TRACE | NIL | ·03 | ·42 | NIL | ·10 | ·02 | ·04 | ·08 | NIL | NIL | 24 |
| 25 | NIL | TRACE | NIL | ·035 | ·01 | NIL | ·10 | NIL | NIL | NIL | NIL | NIL | 25 |
| 26 | NIL | NIL | NIL | ·10 | NIL | NIL | ·25 | NIL | NIL | NIL | ·27 | NIL | 26 |
| 27 | ·05 | NIL | TRACE | ·18 | NIL | NIL | TRACE | NIL | NIL | ·05 | ·05 | ·02 | 27 |
| 28 | ·15 | NIL | NIL | ·16 | ·43 | NIL | ·04 | NIL | NIL | NIL | TRACE | ·02 | 28 |
| 29 | ·30 | × | NIL | NIL | ·05 | NIL | TRACE | NIL | NIL | ·45 | TRACE | ·31 | 29 |
| 30 | ·065 | × | NIL | NIL | ·69 | NIL | ·25 | NIL | NIL | NIL | NIL | NIL | 30 |
| 31 | ·11 | × | NIL | × | ·02 | × | ·19 | NIL | × | ·11 | × | NIL | 31 |
| TOTAL | 1·520 | 1·520 | 1·020 | 2·570 | 2·180 | 3·65<br>3·645 | 3·515 | 2·675 | 3·905 | 1·095 | 1·755 | ·870 | YEAR'S TOTAL<br>26·270 |
| *Days with ·01 in. or more. | 19 | 17 | 9 | 18 | 14 | 19 | 20 | 15 | 13 | 9 | 13 | 10 | 176 |
| *Days with ·04 in. or more. | 14 | 10 | 7 | 14 | 8 | 14 | 18 | 11 | 12 | 6 | 11 | 5 | 126 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) J W Pearson [P.T.O.

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665442/26

3515

**Section** **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept* ● Stockton-on-Tees, Billingham

*in the County of* Durham

Diameter of Funnel of Gauge ....... in.

Height of top of Gauge above Ground ....... ft. ....... in.

,, Ground ,, Sea Level ....... ft.

note on August Return. The amount measured at the day of reading is now entered against the preceding day

9 July, Aug 1st written for

June corr. for W.D

note in file 665442/26

We moved our Meteorological Station in August 1930. It is now in a very open position, the nearest building being a wooden pavilion about 50 yds. away.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·02 | ·24 | | | ·02 | | ·00 | ·27 | | | | 1 |
| 2 | | ·07 | ·01 | ·66 | | | | | ·57 | | | ·13 | 2 |
| 3 | ·03 | | | ·10 | | ·53 | | | ·70 | | ·20 | ·14 | 3 |
| 4 | ·08 | ·05 | | ·05 | | ·08 | ·06 | | 1·90 | | ·05 | ·02 | 4 |
| 5 | | ·025 | | | | | ·065 | ·15 | trace | | | ·12 | 5 |
| 6 | | ·06 | ·05 | | | ·45 | ·08 | ·12 | ·055 | ·09 | | | 6 |
| 7 | | | | | | ·37 | ·885 | ·17 | | ·03 | ·075 | | 7 |
| 8 | ·08 | | ·03 | ·05 | ·11 | ·19 | | ·22 | | | ·06 | | 8 |
| 9 | | ·06 | ·24 | ·08 | ·02 | ·14 | ·54 | ·065 | trace | | ·30 | ·06 | 9 |
| 10 | ·01 | ·01 | ·21 | | ·02 | ·05 | ·02 | ·045 | | | ·13 | | 10 |
| 11 | ·05 | ·175 | | | | ·06 | ·01 | | trace | | | | 11 |
| 12 | ·06 | | | | | ·01 | ·06 | ·04 | | ·24 | | | 12 |
| 13 | ·18 | | ·13 | | | | ·56 | ·015 | | | | | 13 |
| 14 | ·04 | ·095 | ·05 | | ·02 | ·01 | ·04 | ·63 | | | ·075 | ·02 | 14 |
| 15 | | ·03 | | ·15 | ·18 | ·56 | ·125 | ·43 | | | ·025 | ·03 | 15 |
| 16 | ·01 | ·215 | | ·06 | | ·01 | ·045 | ·18 | trace | | | | 16 |
| 17 | | ·04 | | | | ·18 | ·045 | ·01 | ·13 | ·015 | | | 17 |
| 18 | ·15 | ·025 | | ·68 | | ·20 | ·05 | | ·01 | | ·37 | | 18 |
| 19 | ·015 | ·055 | | ·02 | | ·32 | | ·56 | ·05 | ·03 | | | 19 |
| 20 | | ·55 | | ·04 | | ·20 | | | ·04 | | ·02 | | 20 |
| 21 | ·01 | | | ·02 | ·01 | ·01 | | ·02 | ·04 | | | | 21 |
| 22 | ·09 | ·015 | ·06 | ·12 | ·13 | | | | ·04 | | | | 22 |
| 23 | ·04 | ·025 | | ·03 | ·07 | ·025 | | | ·06 | | ·13 | | 23 |
| 24 | | | | ·03 | ·42 | ·25 | ·10 | ·019 | ·04 | ·08 | | | 24 |
| 25 | | | | ·04 | ·01 | | ·10 | | | | | | 25 |
| 26 | | | | ·10 | | | ·25 | | | | ·27 | | 26 |
| 27 | ·05 | | | ·18 | | | | | | ·05 | ·05 | ·02 | 27 |
| 28 | ·15 | | | ·16 | ·43 | | ·04 | | | | | ·02 | 28 |
| 29 | ·30 | | | | ·05 | | | | | ·45 | | ·31 | 29 |
| 30 | ·065 | ✕ | | | ·69 | | ·25 | | | | | | 30 |
| 31 | ·11 | ✕ | | ✕ | ·02 | ✕ | ·19 | | ✕ | ·11 | ✕ | | 31 |
| TOTAL | 1·52 | 1·52 | 1·02 | 2·57 | 2·18 | 3·65<br>~~3·665~~ | 3·515 | 2·674 | 3·925 | 1·10<br>~~1·095~~ | 1·755 | ·87 | YEAR'S TOTAL<br>26·27 |
| *Days with ·01 in. or more. | 19 | 17 | 9 | 18 | 14 | 19<br>~~20~~ | 20 | 15 | 13 | 9 | 13 | 10 | 176 |
| *Days with ·04 in. or more. | 14 | 10 | 7 | 14 | 8 | 14 | 18 | 11 | 12 | 6 | 11 | 5 | 130 |

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*See Instruction 2 (f) on other side.

(Signed) S. Ammonia & Nitrates Ltd

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* BILLINGHAM

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 39 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in | in. | in. | in. | in. | in. | |
| 1 | ·02 | NIL | NIL | ·03 | ·24 | ·01 | ·05 | TRACE | ·25 | ·14 | ·02 | NIL | 1 |
| 2 | | NIL | NIL | ·04 | ·82 | TRACE | ·04 | ·01 | ·32 | ·09 | ·05 | ·08 | 2 |
| 3 | | NIL | NIL | ·01 | TRACE | NIL | ·06 | NIL | NIL | ·02 | NIL | ·09 | 3 |
| 4 | | NIL | NIL | ·01 | ·05 | ·01 | ·11 | ·06 | NIL | NIL | NIL | NIL | 4 |
| 5 | ·14 | ·01 | ·07 | NIL | ·21 | TRACE | NIL | NIL | ·09 | NIL | NIL | ·02 | 5 |
| 6 | ·23 | NIL | NIL | TRACE | TRACE | NIL | NIL | NIL | TRACE | NIL | NIL | ·06 | 6 |
| 7 | NIL | NIL | ·12 | ·02 | ·01 | TRACE | NIL | NIL | ·07 | ·13 | ·05 | NIL | 7 |
| 8 | NIL | ·04 | ·04 | ·04 | ·10 | NIL | NIL | NIL | ·07 | ·08 | ·25 | NIL | 8 |
| 9 | ·08 | ·08 | ·03 | NIL | TRACE | NIL | NIL | NIL | TRACE | ·14 | NIL | ·11 | 9 |
| 10 | ·14 | ·08 | ·03 | ·04 | ·03 | NIL | NIL | NIL | ·16 | ·42 | NIL | ·07 | 10 |
| 11 | NIL | ·09 | ·02 | ·03 | ·22 | ·09 | ·25 | NIL | NIL | ·03 | ·01 | NIL | 11 |
| 12 | ·15 | ·08 | ·01 | NIL | ·09 | NIL | ·01 | TRACE | NIL | ·08 | ·01 | NIL | 12 |
| 13 | ·02 | ·24 | NIL | ·01 | ·07 | NIL | ·03 | NIL | ·64 | NIL | NIL | ·03 | 13 |
| 14 | ·11 | NIL | NIL | ·01 | NIL | NIL | NIL | ·02 | ·01 | NIL | ·01 | NIL | 14 |
| 15 | NIL | NIL | NIL | NIL | NOT TAKEN | NIL | TRACE | NIL | NIL | ·05 | ·09 | ·03 | 15 |
| 16 | ·14 | NIL | TRACE | NIL | ·07 | NIL | NIL | NIL | NIL | ·03 | ·02 | ·04 | 16 |
| 17 | NIL | NIL | ·02 | NIL | ·03 | NIL | ·02 | NIL | NIL | ·09 | ·01 | NIL | 17 |
| 18 | NIL | NIL | NIL | NIL | ·02 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | 18 |
| 19 | NIL | ·02 | ·01 | TRACE | ·03 | NIL | ·01 | ·01 | TRACE | ·16 | NIL | NIL | 19 |
| 20 | NIL | NIL | ·10 | ·12 | ·12 | NIL | TRACE | ·32 | NIL | ·11 | NIL | NIL | 20 |
| 21 | NIL | NIL | ·53 | ·13 | 1·37 | NIL | NIL | ·84 | NIL | ·40 | ·01 | ·02 | 21 |
| 22 | NIL | NIL | ·50 | ·08 | ·02 | ·01 | ·06 | NIL | NIL | ·02 | ·18 | NIL | 22 |
| 23 | NIL | ·05 | TRACE | ·04 | TRACE | NIL | ·49 | NIL | ·11 | ·02 | ·03 | NIL | 23 |
| 24 | NIL | ·06 | NIL | NIL | ·09 | NIL | ·45 | ·01 | ·05 | NIL | NIL | NIL | 24 |
| 25 | NIL | ·03 | NIL | ·09 | ·01 | NIL | NIL | NIL | ·04 | ·23 | ·01 | NIL | 25 |
| 26 | NIL | ·01 | NOT TAKEN | TRACE | ·23 | NIL | ·33 | NIL | ·08 | ·02 | ·01 | ·01 | 26 |
| 27 | NIL | NIL | ·48 | ·05 | ·04 | ·65 | ·24 | NIL | ·07 | ·16 | ·07 | ·02 | 27 |
| 28 | NIL | NIL | ·10 | ·08 | ·35 | ·31 | TRACE | ·09 | NIL | ·13 | NIL | NIL | 28 |
| 29 | NIL | NIL | ·12 | ·03 | ·02 | TRACE | ·33 | 1·33 | ·01 | ·16 | ·16 | ·02 | 29 |
| 30 | NIL | × | ·04 | TRACE | NIL | ·18 | ·07 | ·19 | ·20 | ·07 | ·57 | ·15 | 30 |
| 31 | ·01 | × | ·03 | × | TRACE | × | ·51 | NIL | × | ·01 | × | NIL | 31 |
| TOTAL | 1·03 | 0·79 | 2·25 | 0·86 | 4·24 | 1·26 | 3·06 | 2·88 | 2·17 | 2·79 | 1·56 | 0·75 | YEAR'S TOTAL<br>23·64 |
| *Days with ·01 in. or more. | 10 | 12 | 17 | 18 | 23 | 7 | 17 | 10 | 15 | 24 | 18 | 14 | 185 |
| *Days with .04 in. or more. | 7 | 8 | 10 | 10 | 15 | 4 | 13 | 6 | 13 | 17 | 8 | 7 | 118 |

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*See Instruction 2 (f) on other side.

(Signed) I C I [illegible]

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* BILLINGHAM

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 39 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | TRACE | ·19 | NIL | NIL | NIL | NIL | NIL | TRACE | NIL | ·26 | TRACE | 1 |
| 2 | ·15 | NIL | ·13 | NIL | NIL | NIL | NIL | NIL | NIL | ·02 | ·10 | ·02 | 2 |
| 3 | NIL | ·05 | ·29 | NIL | ·21 | NIL | NIL | NIL | TRACE | NIL | ·32 | NIL | 3 |
| 4 | ·12 | ·03 | ·09 | NIL | ·01 | NIL | NIL | NIL | NIL | TRACE | ·50 | NIL | 4 |
| 5 | ·01 | TRACE | ·01 | TRACE | ·10 | NIL | NIL | NIL | NIL | NIL | TRACE | NIL | 5 |
| 6 | NIL | ·02 | NIL | NIL | ·10 | NIL | NIL | NIL | NIL | NIL | ·10 | ·09 | 6 |
| 7 | NIL | ·14 | NIL | NIL | ·08 | NIL | NIL | NIL | NIL | ·23 | TRACE | ·01 | 7 |
| 8 | ·04 | TRACE | ·08 | ·01 | TRACE | ·03 | ·06 | NIL | TRACE | TRACE | TRACE | ·07 | 8 |
| 9 | NIL | ·29 | TRACE | NIL | ·04 | NIL | ·09 | NIL | NIL | ·21 | ·04 | ·01 | 9 |
| 10 | ·02 | ·10 | NIL | NIL | NIL | ·09 | ·06 | NIL | NIL | ·47 | ·07 | ·07 | 10 |
| 11 | ·07 | TRACE | NIL | NIL | ·06 | NIL | ·01 | NIL | NIL | ·02 | ·03 | ·01 | 11 |
| 12 | ·02 | NIL | NIL | NIL | ·01 | ·37 | NIL | NIL | NIL | TRACE | TRACE | ·11 | 12 |
| 13 | NIL | NIL | ·02 | NIL | ·10 | NIL | ·04 | ·08 | ·03 | TRACE | ·11 | TRACE | 13 |
| 14 | ·05 | NIL | TRACE | NIL | ·01 | NIL | ·20 | TRACE | NIL | NIL | ·02 | ·05 | 14 |
| 15 | ·39 | NIL | ·02 | NIL | NIL | NIL | ·03 | NIL | NIL | ·18 | ·13 | ·19 | 15 |
| 16 | ·57 | NIL | ·03 | ·01 | ·21 | ·12 | NIL | TRACE | NIL | NIL | ·14 | TRACE | 16 |
| 17 | ·18 | ·34 | ·10 | ·05 | TRACE | ·16 | NIL | NIL | ·03 | NIL | ·12 | TRACE | 17 |
| 18 | ·09 | ·26 | ·03 | ·04 | NIL | ·25 | ·01 | ·03 | NIL | NIL | ·17 | ·03 | 18 |
| 19 | NIL | ·06 | ·54 | ·04 | NIL | NIL | ·01 | NIL | NIL | NIL | ·08 | ·03 | 19 |
| 20 | NIL | ·11 | TRACE | ·01 | NIL | ·02 | NIL | NIL | ·33 | ·07 | ·02 | TRACE | 20 |
| 21 | NIL | ·03 | NIL | NIL | NIL | ·07 | NIL | NIL | ·07 | TRACE | ·04 | ·01 | 21 |
| 22 | ·03 | ·16 | NIL | NIL | NIL | NIL | NIL | NIL | TRACE | 1·18 | ·03 | TRACE | 22 |
| 23 | NIL | ·30 | NIL | ·02 | ·38 | ·02 | NIL | ·14 | ·20 | ·02 | ·03 | NIL | 23 |
| 24 | NIL | ·26 | NIL | ·14 | ·74 | ·09 | ·02 | NIL | ·25 | ·02 | ·09 | ·06 | 24 |
| 25 | NIL | ·26 | NIL | ·14 | NIL | NIL | NIL | NIL | ·22 | ·41 | ·01 | ·02 | 25 |
| 26 | ·01 | ·27 | NIL | ·06 | ·14 | NIL | NIL | NIL | TRACE | ·14 | ·07 | ·22 | 26 |
| 27 | ·01 | ·01 | NIL | NIL | ·02 | NIL | ·01 | NIL | ·01 | ·36 | ·03 | ·01 | 27 |
| 28 | NIL | TRACE | NIL | ·01 | NIL | NIL | TRACE | TRACE | TRACE | } ·56 | NIL | ·02 | 28 |
| 29 | NIL | X | NIL | ·24 | NIL | NIL | ·89 | NIL | TRACE | | NIL | ·03 | 29 |
| 30 | ·04 | X | NIL | NIL | NIL | NIL | ·08 | NIL | ·05 | ·01 | NIL | ·23 | 30 |
| 31 | NIL | X | ·01 | X | NIL. | X | NIL | ·06 | X | NIL | X | TRACE | 31 |
| TOTAL | 1·82 | 2·69 | 1·54 | 0·77 | 2·21 | 1·22 | 1·51 | 0·31 | 1·19 | 3·90 | 2·51 | 1·29 | YEAR'S TOTAL 20·96 |
| *Days with ·01 in. or more. | 17 | 17 | 13 | 12 | 15 | 10 | 13 | 4 | 9 | 16 | 23 | 20 | 169 |
| *Days with .04 in. or more. | 10 | 13 | 7 | 7 | 11 | 7 | 7 | 3 | 6 | 11 | 16 | 9 | 107 |

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*See Instruction 2 (*f*) on other side.

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(*Signed*) A. Rule (for Research Manager).

P.T.O.

3515

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Stockton on Tees, Billingham

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | ·19 | — | | | | | | | ·26 | | 1 |
| 2 | ·15 | | ·13 | | | | | | | ·02 | ·10 | ·02 | 2 |
| 3 | | ·05 | ·29 | | ·21 | | | | | | ·32 | | 3 |
| 4 | ·12 | ·03 | ·09 | | ·01 | | | | | | ·50 | | 4 |
| 5 | ·01 | | ·01 | | ·10 | | | | | | | | 5 |
| 6 | | ·02 | | | ·10 | | | | | | ·10 | ·09 | 6 |
| 7 | | ·14 | | | ·08 | | | | | ·23 | | ·01 | 7 |
| 8 | ·04 | | ·08 | ·01 | | ·03 | ·06 | | | | | ·07 | 8 |
| 9 | | ·29 | | | ·04 | | ·09 | | | ·21 | ·04 | ·01 | 9 |
| 10 | ·02 | ·10 | | | | ·09 | ·06 | | | ·47 | ·07 | ·07 | 10 |
| 11 | ·07 | | | | ·06 | | ·01 | | | ·02 | ·03 | ·01 | 11 |
| 12 | ·02 | | | | ·01 | ·37 | | | | | | ·11 | 12 |
| 13 | | | ·02 | | ·10 | | ·04 | ·08 | ·03 | | ·11 | | 13 |
| 14 | ·05 | | | | ·01 | | ·20 | | | | ·02 | ·05 | 14 |
| 15 | ·39 | | ·02 | | | | ·03 | | | ·18 | ·13 | ·19 | 15 |
| 16 | ·57 | | ·03 | ·01 | ·21 | ·12 | | | | | ·14 | | 16 |
| 17 | ·18 | ·34 | ·10 | ·05 | | ·16 | | | ·03 | | ·12 | | 17 |
| 18 | ·09 | ·26 | ·03 | ·04 | | ·25 | ·01 | ·03 | | | ·17 | ·03 | 18 |
| 19 | | ·06 | ·54 | ·04 | | | ·01 | | | | ·08 | ·03 | 19 |
| 20 | | ·11 | | ·01 | | ·02 | | | ·33 | ·07 | ·02 | | 20 |
| 21 | | ·03 | | | | ·07 | | | ·07 | | ·04 | ·01 | 21 |
| 22 | ·03 | ·16 | | | | | | | | 1·18 | ·03 | | 22 |
| 23 | | ·30 | | ·02 | ·38 | ·02 | | ·14 | ·20 | ·02 | ·03 | | 23 |
| 24 | | ·26 | | ·14 | ·74 | ·09 | ·02 | | ·25 | ·02 | ·09 | ·06 | 24 |
| 25 | | ·26 | | ·14 | | | | | ·22 | ·41 | ·01 | ·02 | 25 |
| 26 | ·01 | ·27 | | ·06 | ·14 | | | | | ·14 | ·07 | ·22 | 26 |
| 27 | ·01 | ·01 | | | ·02 | | ·01 | | ·01 | ·36 | ·03 | ·01 | 27 |
| 28 | | | | ·01 | | | | | | | | ·02 | 28 |
| 29 | | | | ·24 | | | ·89 | | | ·56 | | ·03 | 29 |
| 30 | ·04 | × | | | | | ·08 | | ·05 | ·01 | | ·23 | 30 |
| 31 | | × | ·01 | × | | × | | ·06 | × | | × | | 31 |
| TOTAL | 1·82 | 2·69 | 1·54 | ·77 | 2·21 | 1·22 | 1·51 | ·31 | 1·19 | 3·90 | 2·51 | 1·29 | YEAR'S TOTAL 20·96 |
| *Days with ·01 in. or more. | 17 | 17 | 13 | 12 | 15 | 10 | 13 | 4 | 9 | 16 | 23 | 20 | 169 |
| *Days with ·04 in. or more. | 10 | 13 | 7 | 7 | 11 | 7 | 7 | 3 | 6 | 11 | 16 | 9 | 107 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) C. H. Gregory [P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* BILLINGHAM

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 39 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | NIL | NIL | NIL | NIL | NIL | NIL | ·14 | ·03 | TRACE | NIL | ·02 | | 1 |
| 2 | TRACE | ·01 | NIL | TRACE | NIL | NIL | NIL | ·12 | ·04 | NIL | ·07 | ·34 | | 2 |
| 3 | TRACE | ·01 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | ·08 | ·17 | ·01 | | 3 |
| 4 | ·01 | TRACE | NIL | ·08 | NIL | ·02 | NIL | NIL | ·18 | ·08 | ·03 | ·40 | | 4 |
| 5 | TRACE | TRACE | ·08 | ·01 | ·06 | TRACE | NIL | ·09 | ·49 | NIL | ·13 | ·61 | | 5 |
| 6 | NIL | TRACE | NIL | TRACE | ·28 | ·07 | NIL | 1·01 | NIL | ·13 | ·11 | ·25 | | 6 |
| 7 | ·03 | ·04 | TRACE | TRACE | TRACE | ·33 | NIL | NIL | TRACE | ·01 | TRACE | ·11 | | 7 |
| 8 | TRACE | NIL | NIL | NIL | TRACE | ·01 | NIL | ·02 | ·03 | ·03 | TRACE | ·10 | | 8 |
| 9 | NIL | NIL | NIL | ·39 | NIL | NIL | NIL | ·02 | NIL | ·02 | ·52 | ·02 | | 9 |
| 10 | TRACE | NIL | ·10 | ·05 | NIL | NIL | NIL | ·21 | NIL | NIL | ·22 | TRACE | | 10 |
| 11 | ·04 | NIL | ·26 | ·43 | NIL | NIL | NIL | ·04 | NIL | NIL | ·08 | ·01 | | 11 |
| 12 | TRACE | TRACE | ·31 | ·22 | NIL | NIL | ·24 | ·06 | TRACE | NIL | ·09 | ·03 | | 12 |
| 13 | ·13 | TRACE | ·02 | TRACE | NIL | NIL | ·40 | ·05 | ·01 | ·02 | ·10 | NIL | | 13 |
| 14 | ·11 | NIL | ·13 | NIL | ·02 | NIL | ·24 | NIL | TRACE | NIL | ·02 | ·13 | | 14 |
| 15 | TRACE | NIL | ·10 | NIL | ·10 | NIL | TRACE | ·02 | ·03 | ·21 | ·02 | ·06 | | 15 |
| 16 | ·08 | TRACE | ·05 | NIL | ·02 | NIL | NIL | NIL | TRACE | ·01 | ·07 | TRACE | | 16 |
| 17 | ·02 | NIL | ·05 | NIL | ·04 | NIL | ·20 | NIL | ·21 | ·04 | TRACE | ·10 | | 17 |
| 18 | ·04 | NIL | NIL | ·02 | ·24 | ·17 | ·08 | ·05 | NIL | NIL | NIL | ·08 | | 18 |
| 19 | TRACE | NIL | ·08 | ·09 | ·02 | ·05 | NIL | NIL | ·02 | ·04 | NIL | NIL | | 19 |
| 20 | NIL | NIL | ·19 | TRACE | TRACE | ·04 | NIL | ·04 | NIL | NIL | NIL | NIL | | 20 |
| 21 | TRACE | NIL | NIL | NIL | NIL | ·47 | NIL | ·01 | ·04 | ·01 | NIL | NIL | | 21 |
| 22 | TRACE | TRACE | NIL | NIL | NIL | ·07 | NIL | ·04 | ·18 | ·01 | NIL | TRACE | | 22 |
| 23 | NIL | NIL | ·02 | ·21 | NIL | NIL | ·11 | NIL | NIL | ·12 | NIL | ·07 | | 23 |
| 24 | NIL | NIL | ·01 | NIL | TRACE | ·38 | TRACE | NIL | ·12 | ·33 | NIL | ·03 | | 24 |
| 25 | NIL | ·01 | NIL | ·12 | ·02 | NIL | TRACE | NIL | ·03 | ·20 | ·04 | ·19 | | 25 |
| 26 | TRACE | ·02 | TRACE | ·24 | NIL | ·03 | NIL | NIL | ·06 | ·02 | NIL | ·04 | | 26 |
| 27 | NIL | ·66 | TRACE | ·15 | NIL | ·10 | ·03 | NIL | NIL | ·18 | NIL | ·03 | | 27 |
| 28 | NIL | ·01 | TRACE | ·32 | NIL | ·01 | TRACE | ·20 | NIL | ·02 | NIL | ·25 | | 28 |
| 29 | NIL | X | ·05 | TRACE | NIL | NIL | ·07 | ·05 | ·38 | ·18 | NIL | ·07 | | 29 |
| 30 | ·09 | X | ·02 | NIL | NIL | NIL | ·19 | ·01 | ·01 | ·46 | NIL | ·02 | | 30 |
| 31 | ·04 | X | NIL | X | NIL | X | ·02 | ·13 | X | ·02 | X | ·02 | | 31 |
| TOTAL | 0·65 | 0·76 | 1·47 | 2·33 | 0·80 | 1·75 | 1·58 | 2·31 | 1·86 | 2·22 | 1·67 | 2·99 | Year's Total. 20·39 | |
| * Days with .01 in. or more. | 11 | 7 | 15 | 13 | 9 | 13 | 10 | 19 | 16 | 22 | 14 | 24 | 173 | |
| * Days with .04 in. or more. | 8 | 2 | 11 | 11 | 5 | 9 | 8 | 14 | 9 | 12 | 11 | 15 | 115 | |

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Stockton on Tees, Billingham

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | | | | | | | ·14 | ·03 | | | 02 | | 1 |
| 2 | | ·01 | | | | | | ·12 | ·04 | | ·07 | ·34 | | 2 |
| 3 | | ·01 | | | | | | | | ·08 | ·17 | ·01 | | 3 |
| 4 | ·01 | | | ·08 | | ·02 | | | 18 | ·08 | 03 | ·40 | | 4 |
| 5 | | | ·08 | ·01 | ·06 | | | ·09 | ·49 | | ·13 | ·61 | | 5 |
| 6 | | | | | 28 | ·07 | | 1·01 | | ·13 | ·11 | ·25 | | 6 |
| 7 | ·03 | ·04 | | | | ·33 | | | | ·01 | | ·11 | | 7 |
| 8 | | | | | | ·01 | | 02 | ·03 | ·03 | | ·10 | | 8 |
| 9 | | | | ·39 | | | | ·02 | | ·02 | 52 | ·02 | | 9 |
| 10 | | | 10 | 05 | | | | ·21 | | | ·22 | | | 10 |
| 11 | ·04 | | 26 | ·43 | | | | 04 | | | 08 | ·01 | | 11 |
| 12 | | | ·31 | ·22 | | | ·24 | ·06 | | | ·09 | ·03 | | 12 |
| 13 | 13 | | 02 | | | | ·40 | ·05 | ·01 | ·02 | ·10 | | | 13 |
| 14 | ·11 | | ·13 | | 02 | | ·24 | | | | ·02 | ·13 | | 14 |
| 15 | | | 10 | | ·10 | | | ·02 | ·03 | ·21 | ·02 | ·06 | | 15 |
| 16 | ·08 | | ·05 | | ·02 | | | | | ·01 | 07 | | | 16 |
| 17 | ·02 | | 05 | | ·04 | | ·20 | | ·21 | ·04 | | ·10 | | 17 |
| 18 | ·04 | | | ·02 | 24 | ·17 | 08 | ·05 | | | | ·08 | | 18 |
| 19 | | | 08 | 09 | ·02 | 05 | | | ·02 | ·04 | | | | 19 |
| 20 | | | ·19 | | | ·04 | | 04 | | | | | | 20 |
| 21 | | | | | | 47 | | ·01 | ·04 | ·01 | | | | 21 |
| 22 | | | | | | 07 | | ·04 | ·18 | ·01 | | | | 22 |
| 23 | | | ·02 | ·21 | | | ·11 | | | 12 | | ·07 | | 23 |
| 24 | | | ·01 | | | 38 | | | ·12 | ·33 | | 03 | | 24 |
| 25 | | ·01 | | 12 | ·02 | | | | ·03 | ·20 | ·04 | ·19 | | 25 |
| 26 | | ·02 | | 24 | | ·03 | | | ·06 | ·02 | | ·04 | | 26 |
| 27 | | ·66 | | ·15 | | ·10 | ·03 | | | ·18 | | ·03 | | 27 |
| 28 | | ·01 | | ·32 | | ·01 | | ·20 | | ·02 | | ·25 | | 28 |
| 29 | | | ·05 | | | | ·07 | ·05 | ·38 | ·18 | | ·07 | | 29 |
| 30 | ·09 | × | ·02 | | | | 19 | ·01 | 01 | ·46 | | ·02 | | 30 |
| 31 | ·04 | × | | × | | × | 02 | ·13 | × | ·02 | × | ·02 | | 31 |
| TOTAL | ·65 | ·76 | 1·47 | 2·33 | ·80 | 1·75 | 1·58 | 2·31 | 1·86 | 2·22 | 1·67 | 2·99 | Year's Total<br>20·39 | |
| *Days with ·01 in. or more. | 11 | 7 | 15 | 13 | 9 | 13 | 10 | 19 | 16 | 22 | 14 | 24 | 173 | |
| *Days with ·04 in. or more. | 8 | 2 | 11 | 11 | 5 | 9 | 8 | 14 | 9 | 12 | 11 | 15 | 115 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) I.C.I. Fert. & Syn. Prod. Ltd.

[P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* BILLINGHAM

*in the County of* Co DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 39 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·34 | NIL | NIL | ·20 | NIL | NIL | TRACE | NIL | ·23 | ·09 | ·03 | ·03 | | 1 |
| 2 | ·02 | NIL | ·01 | ·26 | NIL | ·03 | NIL | NIL | TRACE | ·35 | NIL | NIL | | 2 |
| 3 | NIL | ·49 | ·02 | ·16 | NIL | ·01 | TRACE | NIL | ·02 | NIL | ·21 | TRACE | | 3 |
| 4 | NIL | NIL | NIL | NIL | NIL | ·25 | NIL | NIL | TRACE | ·73 | ·04 | NIL | | 4 |
| 5 | ·25 | ·44 | NIL | NIL | NIL | ·02 | NIL | NIL | ·14 | ·69 | ·02 | NIL | | 5 |
| 6 | ·29 | ·11 | TRACE | NIL | NIL | ·10 | NIL | NIL | NIL | ·11 | NIL | NIL | | 6 |
| 7 | ·23 | NIL | NIL | ·09 | NIL | ·44 | NIL | NIL | NIL | ·10 | ·36 | ·06 | | 7 |
| 8 | ·01 | NIL | NIL | ·03 | TRACE | ·08 | NIL | NIL | NIL | TRACE | ·02 | ·13 | | 8 |
| 9 | TRACE | ·01 | NIL | ·19 | ·02 | ·09 | NIL | NIL | NIL | ·46 | ·07 | TRACE | | 9 |
| 10 | TRACE | ·06 | NIL | TRACE | NIL | ·17 | NIL | TRACE | NIL | ·15 | ·05 | NIL | | 10 |
| 11 | ·06 | NIL | NIL | TRACE | NIL | TRACE | NIL | ·30 | NIL | TRACE | ·03 | ·03 | | 11 |
| 12 | NIL | TRACE | NIL | NIL | ·01 | ·09 | NIL | TRACE | NIL | ·01 | NIL | NIL | | 12 |
| 13 | ·07 | TRACE | NIL | ·05 | ·20 | TRACE | NIL | NIL | ·04 | NIL | TRACE | ·01 | | 13 |
| 14 | TRACE | TRACE | NIL | ·06 | ·13 | ·14 | ·04 | TRACE | ·04 | TRACE | ·19 | ·06 | | 14 |
| 15 | TRACE | ·01 | NIL | ·37 | ·05 | ·07 | NIL | NIL | ·14 | ·08 | ·07 | ·10 | | 15 |
| 16 | TRACE | ·30 | ·10 | ·19 | ·23 | ·18 | TRACE | ·06 | ·14 | NIL | ·31 | ·06 | | 16 |
| 17 | NIL | NIL | NIL | ·19 | NIL | ·11 | NIL | ·02 | TRACE | ·02 | 1·11 | ·20 | | 17 |
| 18 | ·04 | NIL | NIL | ·07 | TRACE | ·04 | ·03 | ·08 | ·02 | ·04 | ·32 | ·19 | | 18 |
| 19 | ·03 | ·03 | NIL | ·04 | NIL | ·15 | ·07 | NIL | NIL | ·01 | ·03 | ·22 | | 19 |
| 20 | NIL | ·18 | NIL | ·20 | TRACE | ·08 | ·03 | NIL | NIL | NIL | ·02 | ·01 | | 20 |
| 21 | NIL | ·02 | NIL | ·50 | NIL | NIL | NIL | NIL | 1·08 | ·38 | ·08 | TRACE | | 21 |
| 22 | NIL | ·35 | ·06 | ·07 | NIL | NIL | NIL | NIL | TRACE | NIL | ·02 | NIL | | 22 |
| 23 | ·03 | NIL | ·11 | NIL | NIL | NIL | TRACE | ·22 | NIL | ·14 | ·08 | ·02 | | 23 |
| 24 | ·02 | ·64 | ·10 | ·02 | NIL | TRACE | TRACE | NIL | 1·11 | ·01 | NIL | ·18 | | 24 |
| 25 | ·08 | ·12 | NIL | NIL | NIL | ·04 | NIL | NIL | NIL | NIL | ·01 | ·05 | | 25 |
| 26 | ·15 | ·06 | NIL | ·02 | NIL | ·02 | ·05 | ·82 | ·22 | ·08 | ·03 | ·20 | | 26 |
| 27 | ·10 | ·05 | NIL | NIL | NIL | ·01 | TRACE | NIL | ·19 | ·05 | ·07 | ·33 | | 27 |
| 28 | ·02 | ·06 | NIL | NIL | TRACE | NIL | NIL | NIL | ·01 | ·25 | TRACE | ·03 | | 28 |
| 29 | NIL | ✕ | ·14 | NIL | TRACE | TRACE | NIL | ·08 | ·02 | ·05 | ·01 | ·04 | | 29 |
| 30 | NIL | ✕ | NIL | NIL | NIL | ·23 | NIL | ·08 | ·42 | ·15 | ·14 | ·01 | | 30 |
| 31 | NIL | ✕ | NIL | ✕ | NIL | ✕ | NIL | NIL | ✕ | NIL | ✕ | ·18 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·74 | 2·93 | 0·64 | 2·71 | 0·64 | 2·35 | 0·22 | 1·66 | 3·82 | 3·95 | 3·32 | 2·14 | 26·12 | |
| * Days with .01 in. or more. | 16 | 16 | 7 | 18 | 6 | 21 | 5 | 8 | 15 | 2~~2~~1 | 24 | 21 | 17~~9~~8 | |
| * Days with .04 in. or more. | 10 | 12 | 6 | 15 | 4 | 16 | 3 | 7 | 11 | 1~~2~~7 | 14 | 14 | 12~~4~~9 | |

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) A Rule [P.T.O.

Deputy Research Manager.
I.C.I. (F & S.P.) Ltd

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Stockton-on-Tees, Billingham

*in the County of* Durham

Copy by B.R.O.

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | ·08 | ·16 | ·03 | | ·08 | ·03 | ·30 | ·09 | ·01 | ·01 | TR | | 1 |
| 2 | | | ·16 | | | ·28 | ·15 | ·10 | — | — | ·10 | ·02 | | 2 |
| 3 | | ·15 | | | | 1·77 | ·01 | | ·38 | — | — | — | | 3 |
| 4 | ·17 | | ·04 | | | ·02 | | ·26 | ·09 | ·03 | ·02 | ·07 | | 4 |
| 5 | ·03 | | | ·01 | | ·01 | | ·12 | — | ·01 | ·01 | — | | 5 |
| 6 | ·03 | | | ·03 | ·01 | | ·01 | ·96 | ·54 | — | ·07 | — | | 6 |
| 7 | ·14 | | | | | | ·80 | | ·03 | ·01 | — | ·05 | | 7 |
| 8 | ·07 | | ·14 | | ·01 | | | | — | ·06 | ·08 | — | | 8 |
| 9 | ·48 | | ·40 | | ·11 | ·01 | ·03 | | — | ·09 | ·10 | — | | 9 |
| 10 | ·07 | | | ·02 | | | ·09 | | — | ·02 | ·04 | — | | 10 |
| 11 | | | | ·08 | | | ·27 | ·04 | tr | — | ·31 | — | | 11 |
| 12 | | | | ·19 | ·10 | ·25 | ·03 | ·16 | ·20 | — | ·56 | — | | 12 |
| 13 | | | | ·17 | | ·09 | ·14 | | — | ·07 | ·04 | ·23 | | 13 |
| 14 | | | | ·11 | | ·11 | ·02 | ·04 | ·28 | — | ·01 | ·86 | | 14 |
| 15 | ·04 | | | ·20 | | ·01 | ·21 | ·02 | — | — | ·15 | ·02 | | 15 |
| 16 | ·08 | | | ·01 | | ·02 | | | — | tr | ·31 | ·07 | | 16 |
| 17 | ·03 | ·18 | | | ·07 | | ·18 | | — | ·07 | ·41 | TR | | 17 |
| 18 | | ·04 | | ·12 | | | | ·08 | — | ·05 | ·01 | — | | 18 |
| 19 | ·42 | ·23 | | | | | ·17 | ·04 | — | ·04 | — | — | | 19 |
| 20 | ·14 | ·03 | | | ·06 | ·01 | ·10 | | — | ·01 | — | — | | 20 |
| 21 | ·02 | | ·02 | | | ·02 | ·10 | | — | — | — | ·06 | | 21 |
| 22 | | ·28 | ·02 | | ·06 | ·21 | | | — | — | — | — | | 22 |
| 23 | | ·01 | | ·06 | ·13 | | ·44 | | — | — | — | — | | 23 |
| 24 | | ·14 | | | ·78 | | | | ·23 | ·08 | — | — | | 24 |
| 25 | ·22 | | ·03 | | | | ·01 | | ·60 | ·01 | — | — | | 25 |
| 26 | ·01 | ·10 | ·24 | | | | ·04 | | ·09 | ·18 | — | — | | 26 |
| 27 | ·03 | ·03 | | | | | | | ·23 | ·05 | ·03 | TR | | 27 |
| 28 | ·22 | ·61 | ·01 | | | | ·15 | | tr | — | ·02 | — | | 28 |
| 29 | ·74 | ·65 | ·03 | | ·37 | ·47 | ·03 | | — | ·05 | ·09 | — | | 29 |
| 30 | ·02 | × | | | ·13 | ·15 | ·35 | | ·07 | ·26 | tr | — | | 30 |
| 31 | | × | ·08 | × | ·02 | × | | | × | — | × | ·02 | | 31 |
| TOTAL | 2·99 | 2·53 | 1·33 | 1·03 | 1·85 | 3·51 | 3·36 | 2·12 | 2·77 | 1·10 | 2·37 | 1·49 | Year's Total. 26·36 | |
| * Days with .01 in. or more. | 21 | 13 | 12 | 12 | 12 | 16 | 22 | 11 | 12 | 18 | 19 | 9 | 177 | |
| * Days with .04 in. or more. | 13 | 10 | 7 | 7 | 9 | 9 | 14 | 10 | 10 | 11 | 12 | 6 | 118 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ........................................ [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Stockton-on-Tees, Billingham

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·01 | ·06 | – | – | ·04 | – | – | ·15 | – | – | ·33 | | 1 |
| 2 | – | ·03 | ·02 | ·26 | – | ·04 | – | – | – | – | – | ·20 | | 2 |
| 3 | – | ·02 | – | ·05 | – | ·18 | ·05 | – | – | – | – | ·11 | | 3 |
| 4 | ·02 | – | ·09 | ·09 | ·02 | – | ·02 | ·02 | – | – | – | ·04 | | 4 |
| 5 | – | – | ·05 | – | ·03 | – | ·03 | – | ·02 | – | – | ·20 | | 5 |
| 6 | – | – | ·05 | – | ·14 | – | – | ·15 | – | – | ·08 | ·15 | | 6 |
| 7 | – | ·08 | ·11 | ·07 | ·02 | ·02 | ·02 | – | – | – | – | ·28 | | 7 |
| 8 | – | ·31 | ·34 | ·01 | – | ·01 | ·08 | ·02 | – | – | ·09 | ·20 | | 8 |
| 9 | – | – | ·07 | ·05 | ·01 | – | ·15 | – | – | – | ·18 | ·25 | | 9 |
| 10 | – | ·02 | – | – | ·24 | ·13 | ·06 | – | ·01 | – | ·28 | ·14 | | 10 |
| 11 | – | – | ·64 | ·32 | ·15 | – | – | – | ·01 | – | – | ·50 | | 11 |
| 12 | ·03 | ·31 | ·12 | ·14 | ·07 | ·07 | – | ·05 | ·14 | – | – | ·09 | | 12 |
| 13 | – | ·03 | ·01 | ·08 | ·08 | ·09 | – | – | ·06 | – | – | ·09 | | 13 |
| 14 | – | – | ·27 | – | ·01 | ·52 | – | ·72 | – | – | – | ·28 | | 14 |
| 15 | ·03 | ·42 | ·05 | ·13 | – | – | ·02 | ·03 | ·02 | – | – | ·11 | | 15 |
| 16 | ·03 | ·03 | ·08 | ·30 | – | ·14 | – | ·02 | – | – | – | ·47 | | 16 |
| 17 | ·08 | ·03 | ·09 | ·14 | – | – | – | – | ·78 | – | – | ·12 | | 17 |
| 18 | ·29 | – | ·05 | – | – | ·10 | ·04 | ·06 | ·05 | – | ·32 | – | | 18 |
| 19 | – | ·03 | ·04 | ·25 | – | – | – | ·02 | ·04 | – | ·78 | – | | 19 |
| 20 | ·04 | – | ·02 | ·03 | ·82 | – | – | – | – | – | – | – | | 20 |
| 21 | – | ·01 | – | ·06 | ·08 | – | ·23 | – | – | – | – | ·09 | | 21 |
| 22 | ·02 | – | ·12 | – | – | – | ·02 | – | – | – | ·04 | – | | 22 |
| 23 | ·05 | – | ·04 | – | ·37 | ·04 | ·16 | – | – | ·12 | ·14 | – | | 23 |
| 24 | ·13 | – | – | – | ·01 | – | ·26 | – | ·13 | ·51 | – | – | | 24 |
| 25 | ·12 | ·16 | – | – | – | – | – | ·06 | – | ·05 | – | – | | 25 |
| 26 | ·02 | ·15 | ·03 | – | ·35 | – | – | – | – | ·09 | – | – | | 26 |
| 27 | – | ·53 | ·03 | ·14 | – | – | ·03 | – | – | – | – | ·01 | | 27 |
| 28 | ·07 | ·05 | – | – | – | – | – | – | – | ·14 | – | ·01 | | 28 |
| 29 | ·01 | – | ·01 | – | – | – | – | – | – | ·08 | ·02 | ·07 | | 29 |
| 30 | ·04 | ✕ | – | – | – | ·09 | – | – | – | ·02 | ·17 | ·04 | | 30 |
| 31 | ·33 | ✕ | – | ✕ | – | ✕ | – | – | ✕ | ·20 | ✕ | ·01 | | 31 |
| TOTAL | 1·31 | 2·22 | 2·3~~4~~9 | 2·12 | 2·40 | 1·47 | 1·17 | 1·14 | 1·41 | 1·21 | 2·10 | 3·79 | Year's Total | 22·73 |
| * Days with .01 in. or more. | 16 | 17 | 23 | 16 | 15 | 13 | 14 | 10 | 11 | 8 | 10 | 23 | | 176 |
| * Days with .04 in. or more. | 9 | 8 | 17 | 14 | 9 | 11 | 8 | 5 | 7 | 7 | 9 | 20 | | 124 |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ................................................ [P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations — Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1050

# REGISTER OF RAINFALL IN 1938

*Kept at* Stockton-on-Tees, Billingham
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 35 ft.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·03 | | | | ·89 | ·01 | — | TR | — | ·12 | ·12 | | 1 |
| 2 | ·36 | | | | | ·13 | ·16 | — | ·05 | ·22 | ·10 | ·05 | | 2 |
| 3 | ·07 | | | | | | ·02 | — | ·16 | ·64 | ·05 | — | | 3 |
| 4 | ·11 | | | ·01 | | ·09 | ·26 | — | — | ·26 | — | ·37 | | 4 |
| 5 | | ·02 | | | | | ·49 | ·84 | — | ·02 | — | — | | 5 |
| 6 | ·05 | | | | | ·01 | ·16 | — | ·02 | ·03 | — | TR | | 6 |
| 7 | ·01 | | | | | | ·35 | ·31 | ·16 | ·20 | — | TR | | 7 |
| 8 | ·14 | | | | | | ·12 | tr | — | ·53 | TR | ·08 | | 8 |
| 9 | ·01 | ·09 | | | ·07 | ·04 | ·01 | tr | ·01 | — | — | ·25 | | 9 |
| 10 | ·03 | ·03 | | | | ·26 | ·08 | — | ·01 | TR | — | ·01 | | 10 |
| 11 | ·03 | | | | | | — | — | ·03 | ·01 | ·04 | ·01 | | 11 |
| 12 | ·09 | 22 | | | ·01 | | — | ·23 | — | ·42 | ·07 | TR | | 12 |
| 13 | ·06 | 24 | | | | | tr | ·06 | ·12 | TR | ·17 | ·09 | | 13 |
| 14 | ·16 | | | | | | ·02 | — | — | — | — | ·06 | | 14 |
| 15 | ·08 | ·06 | | | | | ·42 | ·04 | — | ·07 | — | ·11 | | 15 |
| 16 | ·16 | | | | 60 | | ·59 | ·08 | ·17 | — | ·04 | ·29 | | 16 |
| 17 | | | | ·02 | 12 | | — | ·10 | ·05 | 14 | — | ·01 | | 17 |
| 18 | ·01 | ·04 | | | ·02 | ·01 | — | ·01 | ·02 | ·05 | ·26 | ·03 | | 18 |
| 19 | | | | | | | — | ·18 | ·04 | — | ·02 | ·22 | | 19 |
| 20 | | | | | | | tr | ·16 | ·01 | — | ·22 | ·08 | | 20 |
| 21 | | | ·02 | | | | — | ·32 | — | — | ·01 | ·16 | | 21 |
| 22 | | ·02 | | | | ·07 | — | — | — | — | ·19 | ·28 | | 22 |
| 23 | | | | ·01 | 29 | ·07 | — | — | 10 | — | ·06 | ·12 | | 23 |
| 24 | ·04 | | | | ·13 | | ·03 | ·53 | 25 | ·02 | ·01 | ·01 | | 24 |
| 25 | | | | | 11 | ·01 | — | ·01 | — | 37 | ·28 | ·07 | | 25 |
| 26 | | ·49 | ·03 | ·04 | | | — | — | ·05 | ·12 | — | TR | | 26 |
| 27 | ·02 | ·07 | | ·03 | ·17 | ·13 | ·10 | ·12 | ·01 | ·06 | ·05 | ·01 | | 27 |
| 28 | ·10 | | | ·09 | ·68 | ·28 | — | — | ·10 | ·01 | — | ·01 | | 28 |
| 29 | ·01 | | | | ·82 | | ·04 | — | — | ·01 | ·12 | ·03 | | 29 |
| 30 | ·03 | ✕ | | | ·03 | | ·01 | — | 16 | — | 24 | — | | 30 |
| 31 | ·08 | ✕ | | ✕ | ·06 | ✕ | — | ·04 | ✕ | ·04 | ✕ | ·32 | | 31 |
| TOTAL | 1·67 | 1·31 | ·05 | ·20 | 3·11 | 1·99 | 2·87 | 3·03 | 1·52 | 3·15 | 2·05 | 2·79 | Year's Total<br>23·74 | |
| * Days with .01 in. or more. | 22 | 11 | 2 | 6 | 13 | 12 | 17 | 15 | 19 | 19 | 18 | 24 | 178 | |
| * Days with .04 in. or more. | 13 | 7 | 0 | 2 | 10 | 9 | 11 | 13 | 12 | 13 | 15 | 16 | 121 | |

† Spare column, no entries required.

(*Signed*) A. Rule
for I.C.I. (F.&S.P.) Ltd.

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Sept & part Oct. estd. [illegible]

*Kept at* Stockton-on-Tees, Billingham

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 35 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·21 | — | tr | TR | ·05 | — | ·01 | ·11 | | x | tr | ·05 | | 1 |
| 2 | ·23 | — | — | ·07 | tr | — | ·03 | tr | | x | — | — | | 2 |
| 3 | — | — | ·01 | ·09 | — | — | — | ·45 | | — | ·02 | — | | 3 |
| 4 | ·18 | — | ·13 | ·10 | — | — | ·02 | ·08 | | — | ·10 | ·02 | | 4 |
| 5 | — | — | — | — | ·13 | — | ·04 | tr | | x | ·03 | ·08 | | 5 |
| 6 | ·19 | — | — | — | — | — | ·40 | 1·05 | | x | ·17 | ·24 | | 6 |
| 7 | TR | ·07 | ·03<br>·025 | TR | ·30 | — | — | — | | x | tr | — | | 7 |
| 8 | ·03 | ·01 | ·04 | — | — | — | ·12 | — | | — | ·03 | ·01 | | 8 |
| 9 | ·11 | TR | — | ·04 | tr | — | ·64 | ·20 | records temporarily suspended | x | ·01 | ·31 | | 9 |
| 10 | ·23 | — | tr | — | — | ·23 | — | ·07 | | (1·20) — | tr | ·14 | | 10 |
| 11 | ·37 | — | ·28 | — | ·06 | ·25 | — | tr | | — | — | — | | 11 |
| 12 | — | ·07 | — | — | — | ·01 | — | ·03 | | + | ·06 | tr | | 12 |
| 13 | TR | — | ·025 | — | ·08 | tr | tr | — | | 1·51 | tr | tr | | 13 |
| 14 | ·23 | — | ·025 | ·17 | ·07 | ·36 | ·07 | — | | ·06 | ·04 | — | | 14 |
| 15 | ·15 | — | — | ·02 | ·07 | ·14 | ·08 | — | | ·23 | ·50 | tr | | 15 |
| 16 | ·02 | — | ·07<br>·065 | — | ·75 | tr | ·01 | — | | ·06 | ·01 | ·01 | | 16 |
| 17 | ·12 | — | ·02<br>·018 | — | ·09 | tr | ·30 | — | | tr | ·01 | tr | | 17 |
| 18 | ·38 | ·01 | ·06 | ·14 | ·01 | ·57 | ·07 | — | | — | — | — | | 18 |
| 19 | ·13 | — | tr | — | — | ·24 | — | — | | ·02 | ·65 | — | | 19 |
| 20 | TR | — | — | — | tr | ·05 | — | — | | — | — | ·03 | | 20 |
| 21 | ·12 | ·08 | ·04 | — | ·27 | ·01 | — | ·02 | | — | — | ·01 | | 21 |
| 22 | ·11 | ·10 | tr | ·03 | — | — | — | tr | | — | — | tr | | 22 |
| 23 | ·02 | TR | ·05 | ·02 | — | ·10 | — | — | | tr | ·05 | ·01 | | 23 |
| 24 | — | — | ·05 | ·14 | — | ·01 | — | tr | | — | — | tr | | 24 |
| 25 | ·33 | — | ·05 | ·29 | — | — | — | ·07 | | — | — | tr | | 25 |
| 26 | ·01 | — | ·03 | ·04 | — | — | — | tr | | ·09 | ·03 | ·09 | | 26 |
| 27 | ·06 | ·24 | ·64 | ·02 | — | ·03 | ·04 | — | | ·53 | tr | tr | | 27 |
| 28 | ·25 | ·05 | ·52 | ·01 | — | ·07 | ·09 | ·07 | | ·23 | — | — | | 28 |
| 29 | ·01 | / | tr | ·06 | — | — | ·40 | tr | | — | ·22 | ·03 | | 29 |
| 30 | ·01 | ✕ | — | ·01 | — | ·03 | ·10 | — | | ·55 | tr | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | ·11 | ·02 | ✕ | ·13 | ✕ | — | | 31 |
| TOTAL | 3·50 | ·63 | 2·05~~8~~6 | 1·25 | 1·88 | 2·10 | 2·53 | 2·17 | (1·00) | (4·60)<br>~~3·40~~ | 1·93 | 1·03 | Year's Total<br>(24·68) | |
| * Days with .01 in. or more. | 23 | 8 | 17 | 16 | 11 | 14 | 17 | 11 | (10) | (16) ~~10~~ | 15 | 13 | (171) | |
| * Days with .04 in. or more. | 17 | 6 | 11 | 10 | 10 | 9 | 13 | 8 | (5) | (15) ~~9~~ | 8 | 6 | (118) | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..........

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A for the entry of Daily Observations

Station No. 3515

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1000

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Stockton-on-Tees (Billingham)

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 35 ft.

BRITISH RAINFALL ORGANIZATION.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | .34$^{Sn.}$ | - | .12 | .03 | - | tr | - | - | - | tr | - | | 1 |
| 2 | - | .01 | - | .08 | - | - | tr | - | - | - | .08 | .06 | | 2 |
| 3 | - | tr | - | .04 | - | - | .01 | - | - | .06 | - | .02 | | 3 |
| 4 | .03 | .01 | - | .07 | - | - | .11 | tr | - | .05 | .23 | .05 | | 4 |
| 5 | - | .11 | - | - | .19 | - | .13 | - | - | .02 | .01 | .10 | | 5 |
| 6 | - | tr | - | - | - | - | .07 | - | - | .06 | .06 | .16 | | 6 |
| 78 7 | .05 | .02 | - | .07 | - | - | .02 | .04 | .02 | .02 | tr | - | | 7 |
| 8 | .04 | .29 | .02 | - | - | - | tr | .06 | tr | .10 | tr | .11 | | 8 |
| 9 | tr | tr | .32 | .01 | - | - | .54 | tr | tr | - | .49 | .05 | | 9 |
| 10 | tr | - | .05 | - | - | - | 1.31 | .10 | - | - | .05 | - | | 10 |
| 11 | - | - | .04 | - | - | .06 | .87 | - | .01 | - | .17 | .03 | | 11 |
| 12 | - | .16$^{Sn}$ | .59 | - | - | tr | tr | - | .13 | - | tr | - | | 12 |
| 13 | - | .04$^{Sn}$ | .12 | - | - | - | .01 | - | .02 | .02 | .07 | tr | | 13 |
| 14 | - | .07 | .08 | .03 | .16 | - | .36 | - | tr | tr | - | .14 | | 14 |
| 15 | - | - | .01 | - | .11 | .11 | tr | - | - | - | .04 | tr | | 15 |
| 16 | .17 | - | - | - | - | tr | .60 | - | .64 | .30 | .10 | tr | | 16 |
| 17 | .05 | - | .18 | - | - | - | 1.68 | - | tr | .11 | .37 | tr | | 17 |
| 18 | - | - | .09 | .61 | - | - | .06 | .28 | .04 | tr | .41 | .10 | | 18 |
| 19 | - | .12$^{Sn.}$ | .01 | .07 | - | .03 | .08 | - | tr | - | .20 | .03 | | 19 |
| 20 | .02 | .04 | - | .05 | - | - | .10 | .46 | .04 | .01 | .02 | - | | 20 |
| 21 | - | tr | .09 | tr | - | .26 | tr | .01 | - | .10 | .50 | - | | 21 |
| 22 | .45 | - | .03 | tr | .17 | .25 | - | .03 | .14 | .15 | tr | - | | 22 |
| 23 | .20 | - | - | .14 | .03 | tr | .10 | tr | - | .07 | .04 | .05 | | 23 |
| 24 | - | .02 | - | .07 | - | - | - | - | tr | .06 | tr | .12 | | 24 |
| 25 | .24 | .03 | tr | - | .01 | - | tr | - | - | .06 | tr | .02 | | 25 |
| .72 26 | tr | - | - | .07 | .15 | .02 | .13 | .13 | .04 | .06 | - | tr | | 26 |
| 27 | .34 | tr | - | .29 | - | - | - | - | .02 | .08 | - | tr | | 27 |
| 28 | - | .08 | - | tr | .27 | - | - | .05 | .03 | tr | tr | .02 | | 28 |
| 29 | .01 | .64 | .18 | tr | - | .14 | .05 | - | tr | - | - | .19 | | 29 |
| 30 | .01 | × | - | - | TR | - | - | - | - | .32 | - | .82 | | 30 |
| 31 | .12 | × | - | × | TR | × | - | - | × | .33 | × | .11 | | 31 |
| TOTAL | 1.73 | 1.98 | 1.81 | 1.72 | 1.12 | .87 | 6.23 | 1.16 | 1.13 | 1.98 | 2.84 | 2.18 | Year's Total 24.75 | ✓ |
| * Days with .01 in. or more. | 13 | 15 | 14 | 14 | 9 | 7 | 18 | 9 | 11 | 19 | 16 | 18 | 163 | ✓ |
| * Days with .04 in. or more. | 9 | 10 | 10 | 12 | 6 | 5 | 15 | 7 | 6 | 15 | 14 | 13 | 122 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. J. Clack

ICI Fert. & Syn. Prod. Ltd

P.T.O.

X BILLINGHAM-ON-T

3515/5

BILLINGHAM-ON-TEES U.D.C.

1932—38

7D0701

Section **A** for the entr… AIR MINI… …ALL ORGANIZATION.

Station No. 3515/5

FORM 1090. **REG**… …32.

Durham /1

*Kept at* BILLINGHAM …

*in the County of* DUR…

Diameter of Funnel of Gauge…

Height of top of Gauge above G…

,, Ground ,, S…

**THE MORNING ME… …AY.**

*An observer who does not confor… …he following year in the space on the right*

Jan. 1, following

| Date | Jan. | Feb. | Mar |  |  |  |  |  |  | …ct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |
| 1 |  |  |  |  |  | .01 | .05 | - | .27 | .14 | .03 | - | 1 |
| 2 |  |  |  |  |  | - | .055 | .01 | .315 | .09 | .055 | .08 | 2 |
| 3 |  |  |  |  |  | - | .05 | - | - | .02 | - | .08 | 3 |
| 4 |  |  |  |  |  | .02 | .105 | - | - | - | - | - | 4 |
| 5 |  |  |  |  |  | - | - | - | .09 | - | - | .02 | 5 |
| 6 |  |  |  |  |  | - | - | - | - | - | - | .06 | 6 |
| 7 |  |  |  |  |  | trace | - | - | .07 | .13 | - | - | 7 |
| 8 |  |  |  |  |  | - | - | - | .07 | .08 | .25 | - | 8 |
| 9 |  |  |  |  |  | - | - | - | .007 | - | - | .11 | 9 |
| 10 |  |  |  |  |  | - | - | - | .15 | .43 | - | .07 | 10 |
| 11 |  |  |  |  |  | .09 | .25 | - | - | .02 | trace | - | 11 |
| 12 |  |  |  |  |  | - | .01 | .006 | - | .08 | .01 | - | 12 |
| 13 |  |  |  |  |  | - | .028 | trace | .645 | - | - | .03 | 13 |
| 14 |  |  |  |  |  | - | - | .015 | - | - | .01 | - | 14 |
| 15 |  |  |  |  |  | - | - | - | - | .05 | - | .03 | 15 |
| 16 |  |  |  |  |  | - | - | - | - | .03 | .02 | .04 | 16 |
| 17 |  |  |  |  |  | - | .026 | - | - | .09 | .01 | - | 17 |
| 18 |  |  |  |  |  | - | - | - | - | - | .006 | - | 18 |
| 19 |  |  |  |  |  | - | .01 | - | - | .155 | - | - | 19 |
| 20 |  |  |  |  |  | - | - | .30 | - | .11 | - | - | 20 |
| 21 |  |  |  |  |  | - | - | .875 | - | .40 | .006 | .01 | 21 |
| 22 |  |  |  |  |  | trace | .24 | - | - | - | .18 | - | 22 |
| 23 |  |  |  |  |  | - | .06 | - | .12 | .02 | .03 | - | 23 |
| 24 |  |  |  |  |  | - | .446 | .01 | .035 | - | - | - | 24 |
| 25 |  |  |  |  |  | - | - | trace | .03 | .23 | .01 | - | 25 |
| 26 |  |  |  |  |  | - | .34 | - | .08 | .02 | .01 | .006 | 26 |
| 27 |  |  |  |  |  | .75 | .49 | - | .07 | .16 | .07 | .02 | 27 |
| 28 |  |  |  |  | .347 | .31 | trace | .01 | - | .13 | - | - | 28 |
| 29 |  |  |  |  | .015 | - | - | 1.32 | .01 | .16 | .145 | .03 | 29 |
| 30 |  | X |  |  | - | .185 | - | .19 | .20 | .07 | .54 | - | 30 |
| 31 |  | X |  | X | - | X | .59 | - | X | .01 | X | - | 31 |
| TOTAL |  |  |  |  | ~~.362~~ | 1.37<br>~~1.365~~ | 2.75<br>~~2.75~~ | 2.74<br>~~2.736~~ | 2.16<br>~~2.162~~ | 2.43<br>~~2.425~~ | 1.38<br>~~1.382~~ | .59<br>~~.586~~ | YEAR'S TOTAL |
| *Days with ·01 in. or more. |  |  |  |  | ~~2~~ | 6 | 15 | 9 | 14 | 22 | 14 | 12 |  |
| *Days with ·04 in. or more. |  |  |  |  | ~~-~~ | 1 | 11 | 3 | 11 | 15 | 6 | 6 |  |

40-9999

*See Instruction 2 (*f*) on other side.

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(*Signed*) ……………

X THE ENGINEER & SURVEYOR. X

P.T.O.

BILLINGHAM-ON-T

Section **A** for the entr

Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

Durham/1

*Kept at* BILLINGHAM -on- TEES (A)
*in the County of* DURHAM

Diameter of Funnel of Gauge eight- in.
Height of top of Gauge above Ground One ft --- in.
,, Ground ,, Sea Level ---58 ft.

N

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | .01 | .05 | - | .27 | .14 | .03 | - | 1 |
| 2 | | | | | | - | .055 | .01 | .315 | .09 | .055 | .08 | 2 |
| 3 | | | | | | - | .05 | - | - | .02 | - | .08 | 3 |
| 4 | | | | | | .02 | .105 | - | - | - | - | - | 4 |
| 5 | | | | | | - | - | - | .09 | - | - | .02 | 5 |
| 6 | | | | | | - | - | - | - | - | - | .06 | 6 |
| 7 | | | | | | trace | - | - | .07 | .13 | - | - | 7 |
| 8 | | | | | | - | - | - | .07 | .08 | .25 | - | 8 |
| 9 | | | | | | - | - | - | .007 | - | - | .11 | 9 |
| 10 | | | | | | - | - | - | .15 | .43 | - | .07 | 10 |
| 11 | | | | | | .09 | .25 | - | - | .02 | trace | - | 11 |
| 12 | | | | | | - | .01 | .006 | - | .08 | .01 | - | 12 |
| 13 | | | | | | - | .028 | trace | .645 | - | - | .03 | 13 |
| 14 | | | | | | - | - | .015 | - | - | .01 | - | 14 |
| 15 | | | | | | - | - | - | - | .05 | - | .03 | 15 |
| 16 | | | | | | - | - | - | - | .03 | .02 | .04 | 16 |
| 17 | | | | | | - | .026 | - | - | .09 | .01 | - | 17 |
| 18 | | | | | | - | - | - | - | - | .006 | - | 18 |
| 19 | | | | | | - | .01 | - | - | .155 | - | - | 19 |
| 20 | | | | | | - | - | .30 | - | .11 | - | - | 20 |
| 21 | | | | | | - | - | .875 | - | .40 | .006 | .01 | 21 |
| 22 | | | | | | trace | .24 | - | - | - | .18 | - | 22 |
| 23 | | | | | | - | .06 | - | .12 | .02 | .03 | - | 23 |
| 24 | | | | | | - | .446 | .01 | .035 | - | - | - | 24 |
| 25 | | | | | | - | - | trace | .03 | .23 | .01 | - | 25 |
| 26 | | | | | | - | .34 | - | .08 | .02 | .01 | .006 | 26 |
| 27 | | | | | | .75 | .49 | - | .07 | .16 | .07 | .02 | 27 |
| 28 | | | | | .347 | .31 | trace | .01 | - | .13 | - | - | 28 |
| 29 | | | | | .015 | - | - | 1.32 | .01 | .16 | .145 | .03 | 29 |
| 30 | | × | | | - | .185 | - | .19 | .20 | .07 | .54 | - | 30 |
| 31 | | × | | × | - | × | .59 | - | × | .01 | × | - | 31 |
| TOTAL | | | | | ~~.362~~ | 1.37 ~~1.365~~ | 2.75 ~~2.75~~ | 2.74 ~~2.736~~ | 2.16 ~~2.162~~ | 2.43 ~~2.425~~ | 1.38 ~~1.382~~ | .59 ~~.586~~ | YEAR'S TOTAL |
| *Days with ·01 in. or more. | | | | | ~~2~~ | 6 | 15 | 9 | 14 | 22 | 14 | 12 | |
| *Days with .04 in. or more. | | | | | ~~-~~ | 1 | 11 | 3 | 11 | 15 | 6 | 6 | |

40-9999

*See Instruction 2 (*f*) on other side.

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(*Signed*)

THE ENGINEER & SURVEYOR.

P.T.O.

not essential to plot [illegible] 2/10/60

£ 12849/50

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

Durham 11

*Kept at* Billingham U.D.C. (AA)

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft ~~in.~~

,, Ground ,, Sea Level 58 ft.

c. comp 1932

Agrees very well with surrounding stations except for February: 906 sent 9/3/34 re [illegible] in February

Days

February corrected by (~~Febr~~) observer's reply to 906 received 10/3/34

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | - | ·19 | - | - | - | - | - | - | - | ·26 | - | | 1 |
| 2 | ·16 | - | ·11 | - | - | - | - | - | - | ·03 | ·70 | ·02 | | 2 |
| 3 | - | ·055 | ·29 | - | ·22 | - | - | - | ·005 | - | ·31 | - | | 3 |
| 4 | ·11 | ·03 | ·09 | - | ·01 | - | - | - | - | - | ·50 | - | | 4 |
| 5 | - | - | - | - | ·10 | - | - | - | - | - | - | - | | 5 |
| 6 | - | - | - | - | ·10 | - | - | - | - | - | ·01 | ·09 | | 6 |
| 7 | - | ·15 | - | - | ·08 | - | - | - | - | ·23 | - | ·02 | | 7 |
| 8 | ·04 | - | ·09 | ·01 | - | ·02 | ·06 | - | ·005 | - | - | ·07 | | 8 |
| 9 | - | ·29 | - | - | ·03 | - | ·09 | - | - | ·22 | ·03 | ·015 | | 9 |
| 10 | tr | ·10 | - | - | - | ·07 | ·06 | - | - | ·49 | ·07 | ·07 | | 10 |
| 11 | ·07 | - | - | - | ·06 | - | ·01 | - | - | ·02 | ·03 | ·01 | | 11 |
| 12 | ·02 | - | - | - | ·01 | ·37 | - | - | - | - | - | ·11 | | 12 |
| 13 | - | - | ·02 | - | ·10 | - | ·05 | ·08 | ·04 | - | ·11 | - | | 13 |
| 14 | ·045 | - | - | - | - | - | ·20 | - | - | - | ·02 | ·05 | | 14 |
| 15 | ·39 | - | ·02 | - | - | - | ·03 | - | - | ·185 | ·13 | ·19 | | 15 |
| 16 | ·59 | - | ·03 | ·01 | ·21 | ·12 | - | - | ·03 | - | ·14 | - | | 16 |
| 17 | ·15 | - | ·10 | ·05 | - | ·15 | - | - | - | - | ·11 | - | | 17 |
| 18 | ·09 | - | ·03 | ·04 | - | ·25 | ·01 | ·02 | - | - | ·18 | ·025 | | 18 |
| 19 | - | - | ·54 | ·04 | - | - | ·01 | - | - | - | ·07 | ·03 | | 19 |
| 20 | - | - | - | ·01 | - | ·02 | - | - | ·33 | ·065 | ·01 | ·01 | | 20 |
| 21 | - | - 2·06 | - | - | - | ·07 | - | - | ·07 | ·005 | ·04 | - | | 21 |
| 22 | - | - | - | - | - | - | - | - | - | 1·185 | ·03 | - | | 22 |
| 23 | - | - | - | ·02 | ·38 | ·02 | - | ·15 | ·195 | ·015 | ·03 | - | | 23 |
| 24 | - | - | - | ·13 | ·74 | ·09 | ·02 | - | ·25 | ·02 | ·09 | ·06 | | 24 |
| 25 | - | - | - | ·15 | ·006 | - | - | - | ·22 | ·41 | ·01 | ·02 | | 25 |
| 26 | - | - | - | ·06 | ·14 | - | - | - | - | ·135 | ·07 | ·22 | | 26 |
| 27 | - | - | - | - | ·015 | - | ·01 | - | ·015 | ·35 | ·03 | ·01 | | 27 |
| 28 | - | - | - | ·01 | - | - | - | ·005 | - | ·40 | - | ·02 | | 28 |
| 29 | - | ~~-~~ | - | ·24 | - | - | ·88 | - | - | ·19 | - | ·02 | | 29 |
| 30 | ·03 | × | - | - | - | - | ·079 | - | ·05 | ·01 | - | ·23 | | 30 |
| 31 | - | × | ·01 | × | - | × | - | ·06 | × | - | × | - | | 31 Part 6 K punched |
| TOTAL | 1·7~~05~~ 1 | ~~0·625~~ 2·685 | 1·52 | 0·77 | 2·20 | 1·18 | 1·5~~09~~ 1 | ·315 | 1·21 | 3·96 | 2·98 | 1·29 | Year's Total ~~19·26~~ | 21·325 |
| *Days with ·01 in. or more. | 12 | ~~7~~ (16) | 12 | 12 | 14 | 10 | 13 | 4 | 9 | 16 | 23 | 20 | ~~150~~ | 161 |
| *Days with ·04 in. or more. | 9 | ~~4~~ (13) | 7 | 7 | 10 | 7 | 7 | 3 | 7 | 11 | 14 | 9 | ~~95~~ | 104 |

40-9999

*See Instruction 2 (*f*) on other side.

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† Spare column, no entries required.

(*Signed*) THE ENGINEER & SURVEYOR

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Billingham on Tees

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground One ft — in.

,, Ground ,, Sea Level 58 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | · | · | · | · | · | · | ·14 | ·02 | · | · | · | | 1 |
| 2 | · | ·01 | · | · | · | · | · | ·12 | ·04 | · | ·08 | ·34 | | 2 |
| 3 | · | ·01 | · | · | · | · | · | · | · | ·08 | ·16 | ·01 | | 3 |
| 4 | Trace | · | - | ·08 | · | ·02 | · | · | ·175 | ·08 | ·03 | ·40 | | 4 |
| 5 | · | · | ·08 | ·01 | ·05 | · | · | ·09 | ·49 | · | ·14 | ·61 | | 5 |
| 6 | · | · | · | · | ·28 | ·07 | · | 1·10 | · | ·04 | ·12 | ·25 | | 6 |
| 7 | ·04 | ·04 | · | · | · | ·33 | · | · | · | ·01 | ·01 | ·11 | | 7 |
| 8 | · | · | · | · | · | ·006 | · | ·02 | ·03 | ·03 | - | ·11 | | 8 |
| 9 | · | · | · | ·04 | · | · | · | ·02 | · | ·02 | ·52 | ·03 | | 9 |
| 10 | · | · | ·11 | ·05 | · | · | · | ·20 | · | · | ·22 | · | | 10 |
| 11 | ·04 | · | ·26 | ·44 | · | · | · | ·05 | · | · | ·075 | ·01 | | 11 |
| 12 | · | · | ·31 | ·24 | · | · | ·24 | ·06 | · | · | ·10 | ·03 | | 12 |
| 13 | ·13 | · | ·02 | · | · | · | ·40 | ·05 | · | ·02 | ·10 | · | | 13 |
| 14 | ·10 | · | ·12 | · | ·01 | · | ·24 | · | · | · | ·02 | ·13 | | 14 |
| 15 | · | · | ·11 | · | ·10 | · | · | ·02 | ·04 | ·21 | ·02 | ·06 | | 15 |
| 16 | ·08 | · | ·05 | · | ·01 | · | · | · | · | ·01 | ·07 | · | | 16 |
| 17 | ·02 | · | ·041 | · | ·04 | · | ·20 | · | ·20 | ·05 | · | ·10 | | 17 |
| 18 | ·05 | · | · | ·02 | ·26 | ·17 | ·08 | ·05 | · | · | · | ·08 | | 18 |
| 19 | · | · | ·09 | ·081 | ·20 | ·05 | · | · | ·02 | ·05 | · | · | | 19 |
| 20 | · | · | ·18 | ·005 | · | ·04 | · | ·04 | · | · | · | · | | 20 |
| 21 | · | · | · | · | · | ·47 | · | ·005 | ·04 | ·01 | · | · | | 21 |
| 22 | · | · | · | · | · | ·07 | · | ·04 | ·17 | ·01 | · | · | | 22 |
| 23 | · | · | ·03 | ·20 | · | · | ·11 | · | · | ·12 | · | ·06 | | 23 |
| 24 | · | · | ·01 | · | · | ·38 | · | · | ·12 | ·34 | · | ·03 | | 24 |
| 25 | · | ·01 | · | ·11 | ·02 | · | · | · | ·04 | ·20 | ·04 | ·20 | | 25 |
| 26 | · | ·02 | · | ·23 | · | ·03 | · | · | ·06 | ·02 | · | ·04 | | 26 |
| 27 | · | ·66 | · | ·14 | · | ·11 | ·03 | · | · | ·21 | · | ·03 | | 27 |
| 28 | · | ·01 | · | ·31 | · | · | · | ·20 | · | ·02 | · | ·24 | | 28 |
| 29 | · | × | ·055 | · | · | · | ·07 | ·05 | ·37 | ·18 | · | ·07 | | 29 |
| 30 | ·09 | × | · | · | · | · | ·18 | ·005 | ·01 | ·46 | · | ·03 | | 30 |
| 31 | ·05 | × | · | × | · | × | ·02 | ·13 | × | ·02 | × | ·02 | | 31 |
| TOTAL | 0·66 | 0·76 | 1·466 | 1·956 | 0·97 | 1·746 | 1·57 | 2·39 | 1·825 | 2·19 | 1·705 | 2·99 | Year's Total.<br>~~20·228~~ | 23. |
| * Days with .01 in. or more. | 10 | 7 | 14 | 13 | 9 | 11 | 10 | 17 | 15 | 22 | 15 | 23 | 166 | |
| * Days with .04 in. or more. | 9 | 2 | 11 | 11 | 6 | 9 | 8 | 14 | 11 | 12 | 11 | 15 | 119 | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ……………………

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Billingham on Tees

*in the County of* Durham

Diameter of Funnel of Gauge Eight in.

Height of top of Gauge above Ground One ft. - in.

,, Ground ,, Sea Level 58 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

| Jan. 1, following |
|---|
| |

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .34 | - | - | .20 | - | - | - | - | .22 | .09 | .04 | .03 | | 1 |
| 2 | .02 | - | .01 | .26 | - | .03 | - | - | Trace | .37 | - | - | | 2 |
| 3 | - | .49 | .13 | .16 | - | .01 | - | - | .02 | - | .21 | Trace | | 3 |
| 4 | - | - | - | - | - | .25 | - | - | - | .73 | .04 | - | | 4 |
| 5 | .25 | .44 | - | - | - | .02 | - | - | .14 | .68 | .02 | - | | 5 |
| 6 | .28 | .11 | - | - | - | .10 | - | - | - | .11 | - | - | | 6 |
| 7 | .24 | - | - | .09 | - | .44 | - | - | - | .10 | .36 | .06 | | 7 |
| 8 | .01 | - | - | .03 | - | .08 | - | - | - | Trace | .02 | .13 | | 8 |
| 9 | - | .01 | - | .19 | .02 | .08 | - | - | - | .47 | .07 | Trace | | 9 |
| 10 | - | .06 | - | - | - | .18 | - | - | - | .15 | .05 | - | | 10 |
| 11 | .06 | - | - | Trace | - | .01 | - | .03 | - | Trace | .03 | .03 | | 11 |
| 12 | - | - | - | - | .02 | .08 | - | Trace | - | .01 | - | - | | 12 |
| 13 | .07 | .01 | - | .06 | .21 | - | - | - | .04 | - | Trace | .01 | | 13 |
| 14 | - | - | - | .06 | .13 | .14 | .04 | - | .04 | Trace | .19 | .06 | | 14 |
| 15 | - | .01 | - | .37 | .05 | .07 | - | - | .14 | .08 | .07 | .11 | | 15 |
| 16 | - | .30 | .10 | .19 | .23 | .18 | - | .06 | .14 | - | .31 | .06 | | 16 |
| 17 | - | - | - | .19 | - | .11 | - | .02 | Trace | .03 | 1.09 | .20 | | 17 |
| 18 | .02 | - | - | - | - | .03 | .03 | .08 | .02 | .04 | .31 | .19 | | 18 |
| 19 | .02 | .03 | - | .04 | - | .15 | .07 | - | - | .02 | .03 | .23 | | 19 |
| 20 | - | .18 | - | .20 | - | .08 | .03 | - | - | - | .03 | .01 | | 20 |
| 21 | - | .02 | - | .50 | - | - | - | - | 1.09 | .38 | .08 | Trace | | 21 |
| 22 | - | .35 | .07 | .07 | - | - | - | - | Trace | - | .02 | - | | 22 |
| 23 | .03 | .10 | .11 | - | - | - | .01 | .20 | - | .14 | .08 | .02 | | 23 |
| 24 | .02 | .64 | .10 | .02 | - | - | - | - | 1.12 | .01 | - | .15 | | 24 |
| 25 | .08 | .06 | - | - | - | .04 | - | - | - | - | .01 | .05 | | 25 |
| 26 | .15 | .12 | - | .02 | - | .02 | .05 | .82 | .24 | .08 | .03 | .20 | | 26 |
| 27 | .10 | .05 | - | - | - | .01 | - | - | .19 | .05 | .07 | .33 | | 27 |
| 28 | .02 | .06 | - | - | - | - | - | - | .01 | .25 | Trace | .03 | | 28 |
| 29 | - | X | .14 | - | - | - | - | .08 | .02 | .05 | .01 | .04 | | 29 |
| 30 | - | ✕ | - | - | - | .23 | - | .08 | .44 | .15 | .14 | .01 | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | - | - | ✕ | - | ✕ | .19 | | 31 |
| TOTAL | 1.71 | 3.04 | 0.66 | 2.65 | 0.66 | 2.34 | 0.23 | 1.37 | 3.87 | 3.99 | 3.31 | 2.14 | Year's Total<br>25.97 | |
| * Days with .01 in. or more. | 16 | 18 | 7 | 17 | 6 | 22 | 6 | 8 | 15 | 21 | 24 | 21 | 181 | |
| * Days with .04 in. or more. | 9 | 13 | 6 | 14 | 4 | 15 | 3 | 6 | 11 | 17 | 15 | 14 | 127 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ..................

Engineer & Surveyor.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936

D

*Kept at* Billingham-on-Tees.

*in the County of* Durham

Diameter of Funnel of Gauge Eight in.

Height of top of Gauge above Ground One ft. - in.

,, Ground ,, Sea Level 58 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | .08 | .16 | .03 | - | .08 | .03 | .31 | .09 | .01 | .01 | .01 | | 1 |
| 2 | Trace | - | .16 | - | - | .28 | .15 | .10 | - | - | .10 | .02 | | 2 |
| 3 | Trace | .15 | Trace | - | - | 1.77 | .01 | - | .38 | - | - | - | | 3 |
| 4 | .18 | - | .04 | Trace | - | .02 | - | .26 | .09 | .034 | .02 | .07 | | 4 |
| 5 | .03 | - | - | .01 | Tr. | .01 | - | .12 | Tr. | .01 | .01 | .033 | | 5 |
| 6 | .03 | - | - | .03 | .01 | - | .01 | .96 | .54 | - | .07 | - | | 6 |
| 7 | .14 | - | - | - | - | - | .80 | Tr. | .03 | .01 | - | .05 | | 7 |
| 8 | .07 | Tr. | .14 | - | .01 | - | - | - | - | .06 | .08 | - | | 8 |
| 9 | .51 | - | .40 | - | .11 | .01 | .03 | - | - | .09 | .10 | - | | 9 |
| 10 | .07 | - | Tr. | .025 | - | - | .09 | - | - | .02 | .04 | ~~.075~~ .08 | | 10 |
| 11 | - | - | Tr. | .085 | - | Tr. | .27 | .04 | Tr. | - | .31 | - | | 11 |
| 12 | Tr. | - | Tr. | .185 | .10 | .25 | .03 | .16 | .20 | - | .56 | - | | 12 |
| 13 | - | - | Tr. | .175 | Tr. | .09 | .14 | - | - | .07 | .04 | .23 | | 13 |
| 14 | - | - | - | .11 | - | .11 | .02 | .04 | .26 | - | .01 | .86 | | 14 |
| 15 | .04 | - | Tr. | .20 | - | .01 | .22 | .02 | - | - | .15 | .02 | | 15 |
| 16 | .08 | - | - | .01 | - | .02 | Tr. | - | - | Tr. | .31 | .07 | | 16 |
| 17 | .03 | .18 | - | - | .07 | - | .19 | - | - | ~~.075~~ .08 | .41 | Tr. | | 17 |
| 18 | | .04 | Tr. | .12 | - | - | - | .08 | - | .05 | .012 | - | | 18 |
| 19 | .42 | .23 | - | - | Tr. | - | .17 | .04 | - | .04 | - | - | | 19 |
| 20 | .14 | .03 | - | - | .06 | .01 | .10 | - | - | .01 | - | - | | 20 |
| 21 | .02 | - | .02 | Tr | - | .02 | .10 | - | - | - | - | .06 | | 21 |
| 22 | Tr. | .28 | .02 | - | .06 | .21 | Tr. | - | - | - | - | - | | 22 |
| 23 | - | .01 | - | .06 | .13 | - | .45 | - | - | - | - | - | | 23 |
| 24 | - | .14 | Tr. | - | .78 | - | - | - | .23 | .08 | - | - | | 24 |
| 25 | .22 | - | .03 | - | - | - | .01 | - | .60 | .01 | - | - | | 25 |
| 26 | .01 | .10 | .24 | - | Tr. | - | .04 | - | .09 | .18 | - | - | | 26 |
| 27 | .03 | .03 | Tr. | - | Tr. | - | Tr. | - | .23 | .05 | .03 | Tr. | | 27 |
| 28 | .22 | .61 | .01 | Tr. | Tr. | - | .15 | - | Tr. | - | .02 | - | | 28 |
| 29 | .74 | .65 | .03 | - | .37 | .47 | .03 | - | - | .05 | .09 | - | | 29 |
| 30 | .02 | ✕ | - | - | .13 | .15 | .36 | - | .01 | .26 | Tr. | - | | 30 |
| 31 | Tr. | ✕ | .08 | ✕ | .02 | ✕ | Tr. | - | ✕ | Tr. | ✕ | .02 | | 31 |
| TOTAL | 3.03 | 2.53 | 1.33 | 1.04 | 1.85 | 3.51 | 3.40 | 2.13 | 2.75 | ~~1.109~~ 1.11 | 2.372 | ~~1.518~~ 1.52 | Year's Total ~~26.569~~ | 26.57 |
| * Days with .01 in. or more. | 21 | 13 | 12 | 12 | 12 | 16 | 22 | 11 | 12 | 18 | 19 | 12 | 180 | ✓ |
| * Days with .04 in. or more. | 13 | 10 | 7 | 7 | 9 | 9 | 14 | 10 | 10 | 11 | 12 | 7 | 119 | ✓ |

† Spare column, no entries required.

(*Signed*) J. H. Hill
Engineer & Surveyor. [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 3515/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

*Kept at* Billingham on Tees

*in the County of* Durham.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground One ft. - in.

,, Ground ,, Sea Level 58 ft.

not W. D. this year

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | . | .01 | .06 | . | . | .04 | . | . | .15 | . | Trace | .33 | | 1 |
| 2 | . | .03 | .02 | .26 | . | .04 | . | . | . | . | . | .20 | | 2 |
| 3 | . | .02 | . | .05 | . | .18 | .05 | Trace | . | . | . | .11 | | 3 |
| 4 | .02 | . | .09 | .09 | .02 | . | .02 | .02 | .02 | . | . | .04 | | 4 |
| 5 | . | . | .05 | . | .03 | . | .03 | . | Trace | Trace | . | .20 | | 5 |
| 6 | Trace | . | .05 | . | .14 | . | . | .15 | . | . | .08 | .15 | | 6 |
| 7 | . | .08 | .11 | .07 | .02 | .03 | .02 | . | . | . | . | .27 | | 7 |
| 8 | . | .31 | .34 | .01 | . | .01 | .08 | .02 | . | . | .09 | .20 | | 8 |
| 9 | . | . | .07 | .05 | .01 | . | .15 | Trace | . | . | .17 | .22 | | 9 |
| 10 | . | .02 | . | . | .24 | .13 | .06 | . | .01 | Trace | .28 | .145 | | 10 |
| 11 | . | . | .64 | .32 | .15 | . | . | . | .01 | . | Trace | .50 | | 11 |
| 12 | .03 | .31 | .12 | .14 | .07 | .07 | . | .05 | .14 | . | . | .09 | | 12 |
| 13 | . | .03 | .01 | .08 | .08 | .09 | . | . | .06 | . | . | .09 | | 13 |
| 14 | .04 | . | .27 | Trace | .01 | .52 | . | .72 | . | . | . | .28 | | 14 |
| 15 | .03 | .42 | .04 | .13 | . | . | .02 | .03 | .02 | . | . | .11 | | 15 |
| 16 | .03 | .03 | .08 | .30 | . | .14 | . | .02 | Trace | . | . | .49 | | 16 |
| 17 | .08 | .03 | .09 | .14 | . | Trace | . | . | .78 | . | . | .12 | | 17 |
| 18 | .29 | Trace | .05 | Trace | . | .10 | .04 | .05 | .05 | . | .33 | . | | 18 |
| 19 | . | .03 | .04 | .25 | . | Trace | . | .02 | .04 | . | .78 | . | | 19 |
| 20 | .04 | . | .02 | .03 | .82 | Trace | . | Trace | Trace | . | . | . | | 20 |
| 21 | . | .01 | Trace | .06 | .08 | Trace | .22 | . | . | . | . | .09 | | 21 |
| 22 | .025 | . | .12 | . | . | . | .02 | . | . | .125 | .04 | . | | 22 |
| 23 | .05 | . | .04 | . | .37 | .04 | .16 | . | . | .53 | .14 | . | | 23 |
| 24 | .13 | . | . | . | Trace | . | .26 | . | .18 | .06 | . | . | | 24 |
| 25 | .12 | .16 | . | . | . | . | Trace | .06 | . | .09 | . | Trace | | 25 |
| 26 | .02 | .15 | .03 | . | .355 | . | . | . | . | . | Trace | . | | 26 |
| 27 | . | .53 | .03 | .14 | . | . | .03 | . | . | .14 | . | .01 | | 27 |
| 28 | .07 | .05 | Trace | . | . | . | . | . | . | .075 | . | .005 | | 28 |
| 29 | .015 | X | .01 | . | . | Trace | . | . | . | .02 | .02 | .07 | | 29 |
| 30 | .04 | ✕ | . | . | . | .09 | . | . | . | .025 | .17 | .04 | | 30 |
| 31 | .33 | ✕ | . | ✕ | . | ✕ | . | Trace | ✕ | .20 | ✕ | .01 | | 31 |
| TOTAL | 1.36 | 2.22 | 2.38 | 2.12 | 2.395 | 1.48 | 1,16 | 1.14 | 1.46 | 1.265 | 2.10 | 3.77 | Year's Total 22.85 | ✓ |
| * Days with .01 in. or more. | 17 | 17 | 23 | 16 | 14 | 13 | 14 | 10 | 11 | 9 | 10 | 22 | 176 | ✓ |
| * Days with .04 in. or more. | 10 | 8 | 17 | 14 | 9 | 11 | 8 | 5 | 7 | 7 | 9 | 20 | 125 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................................ [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3515/5

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Billingham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground One ft. - in.

,, Ground ,, Sea Level 58 ft.

12899/30

Dec entries corrected for snow.

16/6/39

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .02 | .03 | | | Tce. | .89 | .01 | | Tce. | | .13 | .12 | | 1 |
| 2 | .36 | | | | | .13 | .16 | | .05 | .22 | .10 | .05 | | 2 |
| 3 | .07 | | | | | Tce. | .02 | | .16 | .67 | .05 | [illegible] | | 3 |
| 4 | .11 | | | .01 | | .09 | .26 | | | .26 | | .37 | | 4 |
| 5 | | .02 | Tce. | | | | .5 | .84 | | .02 | | | | 5 |
| 6 | .04 | | Tce. | | | .01 | .16 | Tce. | .02 | .03 | | Tce* | – | 6 |
| 7 | .02 | | | | | | .35 | .31 | .16 | .10 | | Tce* | – | 7 |
| 8 | .135 | | | | | | .12 | Tce. | | .53 | Tce. | .08 | | 8 |
| 9 | .01 | .09 | | | .07 | .045 | .01 | Tce. | .01 | | | .25 | | 9 |
| 10 | .03 | .03 | | | | .26 | .08 | | .01 | Tce. | | .01 | | 10 |
| 11 | .03 | | | | Tce. | Tce. | | | .03 | .02 | .04 | .01 | | 11 |
| 12 | .09 | .22 | | | .01 | | | .23 | | .42 | .08 | Tce. | | 12 |
| 13 | .06 | .265 | | | | | Tce. | .06 | .12 | | .17 | .08 | | 13 |
| 14 | .16 | Tce. | | | Tce. | | .02 | | | | | .06 | | 14 |
| 15 | .08 | .06 | Tce. | | | | .42 | .04 | | .07 | | .11 | | 15 |
| 16 | .17 | Tce. | | | .59 | | .59 | .085 | .18 | | .04 | .25 | | 16 |
| 17 | | | | .02 | .14 | | | .11 | .06 | .15 | | snow | ·01 | 17 |
| 18 | .01 | .04 | | | .025 | .007 | | .01 | .02 | .05 | .27 | snow | ·04 | 18 |
| 19 | | | | | | | | .18 | .04 | | .03 | snow | ·20 | 19 |
| 20 | | | | | | | Tce. | .18 | .01 | | .01 | snow | ·10 | 20 |
| 21 | | | .02 | | | | | .33 | | | .22 | snow | ·15 | 21 |
| 22 | | .02 | | Tce. | | .07 | | | | | .20 | .28 | | 22 |
| 23 | | | | | .29 | .07 | | | .10 | | .07 | .12 | | 23 |
| 24 | .04 | | Tce. | .01 | .13 | Tce. | | .53 | .25 | .02 | .01 | .01 | | 24 |
| 25 | | | Tce. | | .11 | | .03 | .01 | | .37 | .29 | .07 | | 25 |
| 26 | Tce. | .47 | .035 | | | .02 | | | .05 | .12 | | Tce. | – | 26 |
| 27 | .02 | .07 | | .04 | .17 | .13 | .10 | .13 | .01 | .06 | .05 | .01 | | 27 |
| 28 | .10 | | | .03 | .68 | .29 | | | .10 | .01 | | .01 | | 28 |
| 29 | .01 | X | | .10 | .82 | | .04 | | | .005 | .12* | .03 | | 29 |
| 30 | .03 | ✕ | | | .03 | Tce. | | | .16 | | .24 | | | 30 |
| 31 | .09 | ✕ | | ✕ | .06 | ✕ | | .05 | ✕ | .04 | ✕ | .34 | | 31 |
| TOTAL | 1.685 | 1.315 | .055 | .21 | 3.125 | 2.012 | 2.87 | 3.095 | 1.54 | 3.165 | 2.12 | ~~2.26~~<br>2.76 | Year's Total<br>9<br>23.452 | |
| * Days with .01 in. or more. | 22 | 11 | 26 | 6 | 13 | 11 | 16 | 15 | 19 | 18 | 18 | 19 | 170 | |
| * Days with .04 in. or more. | 13 | 7 | 0 | 2 | 10 | 6 | 10 | 10 | 12 | 13 | 15 | 13 | 111 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ............ P.T.O.

* Clock Stopped - Duration Unknown   Engineer & Surveyor.

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3516

**Section** **A** for the entry of

AIR MINISTRY

FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

# REGIS

3516

STAINDROP (OLD G)

1931 — 35

780701

*Kept* ● Staindrop, Ra

*in the County of* Durham

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to* ... *llowing*

*year in the space on the right of thi*

Jan. 1, following

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | ·29 | ·02 | | | ·05 | ·03 | ·43 | ·16 | | ·01 | | 1 |
| 2 | | | ·10 | | ·01 | ·01 | | | ·88 | ·03 | | | 2 |
| 3 | | ·13 | | ·49 | | ·75 | | | ·81 | ·03 | 5<br>~~·005~~ | ·21 | 3 |
| 4 | | ·02 | | ·06 | | ·15 | ·04 | | ·46 | | ·57 | ·34 | 4 |
| 5 | | ·08 | | ·15 | | | | | ·03 | | ·03 | ·12 | 5 |
| 6 | | ·05 | | | ·05 | ·40 | ·52 | ·04 | 5<br>~~·005~~ | | ·01<br>~~·005~~ | ·32 | 6 |
| 7 | | ·19 | ·32 | | | ·47 | ·36 | ·32 | | ·02 | ·02 | | 7 |
| 8 | | ·03 | ·10 | | ·03 | ·15 | ·10 | ·21 | ·01<br>~~·005~~ | ·05 | ·17 | ·01 | 8 |
| 9 | ·01 | ·01 | ·31 | ·01<br>~~·005~~ | ·11 | ·05 | ·58 | ·08 | 5<br>~~·005~~ | ·03 | ·18 | | 9 |
| 10 | ·01<br>~~·005~~ | ·11 | ·48 | ·09 | ·05 | ·05 | ·10 | ·12 | | | ·20 | | 10 |
| 11 | | ·05 | ·12 | | ·07 | ·18 | ·07 | ·06 | ·03 | | ·13 | | 11 |
| 12 | ·08 | ·35 | | | | ·09 | ·06 | | | | ·03 | | 12 |
| 13 | ·19 | ·01<br>~~·005~~ | | ·02 | | ·05 | ·31 | ·13 | | ·10 | | | 13 |
| 14 | ·02 | | ·30 | 5<br>~~·005~~ | ·04 | ·05 | | ·08 | | | | | 14 |
| 15 | ·02 | ·05 | ·12 | | ·09 | ·54 | ·13 | ·60 | ·01 | | ·15 | ·05 | 15 |
| 16 | ·14 | ·09 | | ·20 | ·06 | ·02 | ·18 | ·06 | ·20 | | ·06 | | 16 |
| 17 | | ·24 | | ·21 | ·01<br>~~·005~~ | | ·01 | ·58 | | | | | 17 |
| 18 | ·11 | ·19 | | ·30 | | ·09 | ·09 | ·04 | | 5<br>~~·005~~ | ·01 | | 18 |
| 19 | ·01 | ·04 | | ·45 | | ·26 | 5<br>~~·005~~ | | ·07 | ·03 | ·41 | | 19 |
| 20 | | ·01 | | ·14 | | ·09 | ·25 | ·26 | ·01 | ·05 | ·01 | | 20 |
| 21 | ·02 | 5<br>~~·005~~ | ·01 | ·10 | | | ·01 | ·02 | | | ·05 | ·05 | 21 |
| 22 | ·08 | ·02 | 5<br>~~·005~~ | ·04 | ·05 | | | ·03 | | | ·01 | ·01<br>~~·005~~ | 22 |
| 23 | ·28 | ·04 | | ·05 | ·41 | ·04 | ·01 | | ·01 | | 5<br>~~·005~~ | | 23 |
| 24 | ·10 | | ·01 | ·10 | ·15 | ·26 | ·01 | | ·01<br>~~·005~~ | ·06 | ·18 | 5<br>~~·005~~ | 24 |
| 25 | ·05 | | | ·24 | ·65 | | ·04 | ·01 | | ·21 | ·08 | | 25 |
| 26 | 5<br>~~·005~~ | ·04 | | ·17 | ·05 | | ·10 | | | | ·03 | ·01<br>~~·005~~ | 26 |
| 27 | ·07 | | | ·06 | | | ·01<br>~~·005~~ | | | | ·57 | | 27 |
| 28 | ·21 | ·01<br>~~·005~~ | ·01<br>~~·005~~ | ·16 | | | ·01 | | ·02 | ·05 | ·14 | ·05 | 28 |
| 29 | ·41 | | ·05 | ·31 | ·45 | | | | | | | ·04 | 29 |
| 30 | ·17 | × | ·03 | | ·11 | | ·27 | | | ·36 | ·04 | ·07 | 30 |
| 31 | | × | 5<br>~~·005~~ | × | ·72 | × | ·03 | | × | | × | | 31 |
| TOTAL | ·29<br>~~1·98~~<br>2·27 | ·02 ~~5~~<br>~~2·045~~<br>1·78 | –<br>1·9~~8~~ 6 | –<br>3·35 | ·05<br>~~3·11~~<br>3·16 | ·03<br>~~3·75~~<br>3·73 | ·43<br>~~3·32~~<br>3·72 | ~~3·77~~<br>3·34 | 2·41 | ·01 ~~3~~<br>~~1·025~~<br>1·04 | 8<br>3·0~~9~~ | 1·28 | YEAR'S TOTAL<br>31·42 |
| *Days with ·01 in. or more. | 19 ~~18~~ | 22 | 13 ~~14~~ | 20 | 19 ~~18~~ | 20 | 25 ~~24~~ | 16 ~~17~~ | 12 | 13 ~~12~~ | 22 ~~25~~ | 12 | 212 |
| *Days with ·04 in. or more. | 13 ~~12~~ | 14 ~~15~~ | 9 | 18 | 16 ~~15~~ | 17 ~~18~~ | 17 ~~16~~ | 13 ~~14~~ | 6 | 7 | 14 | 9 | 152 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) B. H. Cole.

[P.T.O.

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3516

**Section** A for the entry of ~~Daily Observations.~~ FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept* ● Staindrop, Raby Castle
*in the County of* Durham 1

Old Gauge.

Corrd. for W.D.
Sept. Regn.

Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft ........ in.
,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·29 | ·02 | | | ·05 | ·03 | ·43 | ·16 | | ·01 | | 1 |
| 2 | | | ·10 | | ·01 | ·01 | | | ·88 | ·03 | | | 2 |
| 3 | | ·13 | | ·49 | | ·75 | | | ·81 | ·03 | tr<br>~~·005~~ | ·21 | 3 |
| 4 | | ·02 | | ·06 | | ·15 | ·04 | | ·46 | | ·57 | ·34 | 4 |
| 5 | | ·08 | | ·15 | | | | | ·03 | | ·03 | ·12 | 5 |
| 6 | | ·05 | | | ·05 | ·40 | ·52 | ·04 | tr<br>~~·005~~ | | ·01<br>~~·005~~ | ·32 | 6 |
| 7 | | ·19 | ·32 | | | ·47 | ·36 | ·32 | | ·02 | ·02 | | 7 |
| 8 | | ·03 | ·10 | | ·03 | ·15 | ·10 | ·21 | ·01<br>~~·005~~ | ·05 | ·17 | ·01 | 8 |
| 9 | ·01 | ·01 | ·31 | ·01<br>~~·005~~ | ·11 | ·05 | ·58 | ·08 | tr<br>~~·005~~ | ·03 | ·18 | | 9 |
| 10 | ·01<br>~~·005~~ | ·11 | ·48 | ·09 | ·05 | ·05 | ·10 | ·12 | | | ·20 | | 10 |
| 11 | | ·05 | ·12 | | ·07 | ·18 | ·07 | ·06 | ·03 | | ·13 | | 11 |
| 12 | ·08 | ·35 | | | | ·09 | ·06 | | | | ·03 | | 12 |
| 13 | ·19 | ·01<br>~~·005~~ | | ·02 | | ·05 | ·31 | ·13 | | ·10 | | | 13 |
| 14 | ·02 | | ·30 | tr<br>~~·005~~ | ·04 | ·05 | | ·08 | | | | | 14 |
| 15 | ·02 | ·05 | ·12 | | ·09 | ·54 | ·13 | ·60 | ·01 | | ·15 | ·05 | 15 |
| 16 | ·14 | ·09 | | ·20 | ·06 | ·02 | ·18 | ·06 | ·20 | | ·06 | | 16 |
| 17 | | ·24 | | ·21 | ·01<br>~~·005~~ | | ·01 | ·58 | | | | | 17 |
| 18 | ·11 | ·19 | | ·30 | | ·09 | ·09 | ·04 | | tr<br>~~·005~~ | ·01 | | 18 |
| 19 | ·01 | ·04 | | ·45 | | ·26 | tr<br>~~·005~~ | | ·07 | ·03 | ·41 | | 19 |
| 20 | | ·01 | | ·14 | | ·09 | ·25 | ·06 | ·01 | ·05 | ·01 | | 20 |
| 21 | ·02 | tr<br>~~·005~~ | ·01 | ·10 | | | ·01 | ·02 | | | ·05 | ·05 | 21 |
| 22 | ·08 | ·02 | tr<br>~~·005~~ | ·04 | ·05 | | | ·03 | | | ·01 | ·01<br>~~·005~~ | 22 |
| 23 | ·28 | ·04 | | ·05 | ·41 | ·04 | ·01 | | ·01 | | tr<br>~~·005~~ | | 23 |
| 24 | ·10 | | ·01 | ·10 | ·15 | ·26 | ·01 | | ·01<br>~~·005~~ | ·06 | ·18 | tr<br>~~·005~~ | 24 |
| 25 | ·05 | | | ·24 | ·65 | | ·04 | ·01 | | ·21 | ·08 | | 25 |
| 26 | tr<br>~~·005~~ | ·04 | | ·17 | ·05 | | ·10 | | | | ·03 | ·01<br>~~·005~~ | 26 |
| 27 | ·07 | | | ·06 | | | ·01<br>~~·005~~ | | | | ·57 | | 27 |
| 28 | ·21 | ·01<br>·005 | ·01<br>~~·005~~ | ·16 | | | ·01 | | ·02 | ·05 | ·14 | ·05 | 28 |
| 29 | ·41 | | ·05 | ·31 | ·45 | | | | | | | ·04 | 29 |
| 30 | ·17 | ✕ | ·03 | | ·11 | | ·27 | | | ·36 | ·04 | ·07 | 30 |
| 31 | | ✕ | tr<br>~~·005~~ | ✕ | ·72 | ✕ | ·03 | | ✕ | | ✕ | | 31 |
| TOTAL | ·29<br>~~1·98~~<br>2·27 | ·02 ~~5~~<br>~~2·045~~<br>1·78 | –<br>1·9~~8~~6 | –<br>3·35 | ·25<br>~~3·11~~<br>3·16 | ·03<br>~~3·75~~<br>3·73 | ·43<br>~~3·32~~<br>3·72 | ~~3·77~~<br>3·34 | 2·41 | ·01 3<br>~~1·025~~<br>1·04 | 3·0~~95~~8 | 1·28 | YEAR'S TOTAL<br>31·42 |
| *Days with ·01 in. or more. | 19 ~~18~~ | 22 | 13 ~~14~~ | 20 | 19 ~~18~~ | 20 | 25 ~~24~~ | 16 ~~17~~ | 12 | 13 ~~12~~ | 22 ~~25~~ | 12 | 212 |
| *Days with ·04 in. or more. | 13 ~~12~~ | 14 ~~15~~ | 9 | 18 | 16 ~~15~~ | 17 ~~18~~ | 17 ~~16~~ | 13 ~~14~~ | 6 | 7 | 14 | 9 | 153 |

40-9999

(*Signed*) B. H. Cole

[P.T.O.

*See Instruction 2 (*f*) on other side.

3516

**Section** **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Staindrop, Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Old Gauge.

Corrd. for W. D

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·03

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | | ·01 | ·01<br>~~·005~~ | | ·43 | ·17 | tr<br>~~·005~~ | ·45 | tr<br>~~·005~~ | ·12 | 1 |
| 2 | ·02 | | | ·10 | ·09 | | ·01<br>~~·005~~ | ·01 | ·30 | ·15 | ·01<br>~~·005~~ | ·02 | 2 |
| 3 | ·05 | | | | ·61 | | ·05 | ·01 | ·18 | ·07 | ·07 | ·09 | 3 |
| 4 | ·02 | ·02 | | ·11 | tr<br>~~·005~~ | | ·06 | | ·05 | ·02 | tr<br>~~·005~~ | ·07 | 4 |
| 5 | ·01 | ·01<br>~~·005~~ | | ·05 | ·10 | | ·23 | ·05 | ·01<br>~~·005~~ | | | ·01<br>~~·005~~ | 5 |
| 6 | ·24 | | ·09 | ·02 | ·21 | tr<br>~~·005~~ | | | ·08 | | | ·02 | 6 |
| 7 | ·17 | | ·04 | ·05 | ·03 | | | | tr<br>~~·005~~ | | | ·07 | 7 |
| 8 | | | ·17 | ·05 | ·17 | | | | ·05 | ·17 | | ·01 | 8 |
| 9 | | ·06 | | ·02 | ·01<br>~~·005~~ | | | | ·26 | ·61 | ·09 | ·01 | 9 |
| 10 | ·36 | ·15 | ·03 | ·33 | ·12 | | | | ·02 | ·15 | ·01<br>~~·005~~ | ·09 | 10 |
| 11 | ·36 | ·09 | ·06 | ·02 | | | | ·01 | ·18 | ·46 | | ·11 | 11 |
| 12 | ·04 | ·43 | | ·06 | ·33 | ·11 | ·81 | | ·10 | ·07 | tr<br>~~·005~~ | tr<br>~~·005~~ | 12 |
| 13 | ·17 | ·02 | ·04 | tr<br>~~·005~~ | ·21 | | ·02 | | ·01<br>~~·005~~ | ·11 | ·09 | | 13 |
| 14 | ·03 | ·05 | tr<br>~~·005~~ | ·08 | ·03 | | ·02 | ·04 | ·54 | ·03 | ·02 | ·10 | 14 |
| 15 | ·10 | | | ·02 | | | ·01<br>~~·005~~ | | tr<br>~~·005~~ | ·01 | ·05 | ·01<br>~~·005~~ | 15 |
| 16 | ·07 | | | ·07 | ·06 | | tr<br>~~·005~~ | | | ·02 | ·11 | ·07 | 16 |
| 17 | ·23 | | ·01<br>~~·005~~ | | tr<br>~~·005~~ | | | | | ·01<br>~~·005~~ | ·02 | ·15 | 17 |
| 18 | ·01 | | | ·05 | | | | | | ·21 | ·01<br>~~·005~~ | ·02 | 18 |
| 19 | | | | | ·03 | | | | ·01 | tr<br>~~·005~~ | tr<br>~~·005~~ | tr<br>~~·005~~ | 19 |
| 20 | | ·01 | tr<br>~~·005~~ | ·17 | ·08 | | | | ·01 | ·09 | | | 20 |
| 21 | | | ·02 | ·10 | ·22 | | | ·29 | | ·16 | | ·02 | 21 |
| 22 | | | ·34 | ·03 | ·83 | | ·02 | ·94 | | ·67 | ·01<br>~~·005~~ | ·04 | 22 |
| 23 | | | ·41 | ·11 | ·05 | | ·23 | | | ·05 | ·20 | ·01 | 23 |
| 24 | tr<br>~~·005~~ | ·03 | ·01<br>~~·005~~ | ·09 | ·01<br>~~·005~~ | | ·11 | | ·04 | ·03 | ·17 | ·01 | 24 |
| 25 | | ·01 | | | ·01 | | ·37 | | ·08 | ·01<br>~~·005~~ | ·01 | | 25 |
| 26 | | ·03 | | ·12 | ·12 | | ·01 | ·02 | ·05 | ·15 | ·15 | | 26 |
| 27 | | ·02 | | ·01 | ·16 | | ·13 | | ·10 | ·13 | ·06 | ·01<br>~~·005~~ | 27 |
| 28 | | | ·23 | ·06 | ·07 | ·30 | ·04 | | ·01 | ·21 | tr<br>~~·005~~ | ·02 | 28 |
| 29 | | ·01 | ·04 | ·26 | ·35 | ·41 | ·03 | ·01<br>~~·005~~ | | ·08 | ·14 | | 29 |
| 30 | | × | ·22 | ·05 | ·05 | ·01<br>~~·005~~ | ·65 | ·58 | ·04 | ·11 | ·01 | ·06 | 30 |
| 31 | | × | ·01 | ·01<br>× | | × | ·06 | ·21 | × | ·22 | × | ·05 | 31 |
| TOTAL | 1·88<br>~~1·905~~ | ·94 | ·01<br>1·73 | 2·04 | 3·95<br>~~3·955~~ | ·43<br>1·26<br>~~·83~~ | ·17<br>~~3·295~~<br>3·46 | ~~2·335~~<br>2·17 | ·45<br>~~2·12~~<br>2·57 | –<br>~~4·15~~<br>4·00 | ·12<br>~~1·235~~<br>1·355 | ~~1·185~~<br>~~1·07~~ | YEAR'S TOTAL<br>5<br>26·4~~2~~ |
| *Days with ·01 in. or more. | 15<br>~~16~~ | 14 | 156 | 25 | 4<br>~~25~~ | 5<br>~~4~~ | 19 | 11 | 21 | 26 | 19 | ~~27~~ | 219 |
| *Days with ·04 in. or more. | 10 | 5 | 10 | 18 | 18 | 4<br>~~3~~ | 12 | 6 | 14 | 20 | 11 | 11 | 139 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) ........

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. ~~3516~~ 3576

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* RABY CASTLE

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·03

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | ·12 | ·03 | | | — | — | | — | ·09 | — | — | | 1 |
| 2 | ·09 | ·05 | ·10 | — | — | | — | | — | — | ·08 | ·01 | | 2 |
| 3 | ·12 | ·02 | ·10 | — | — | ·11 | — | — | — | — | ·41 | ·03 | | 3 |
| 4 | ·01 | ·08 | ·34 | — | ·39 | — | — | — | — | — | ·40 | — | | 4 |
| 5 | ·22 | ·06 | ·04 | — | ·04 | — | — | — | — | — | ·01 | — | | 5 |
| 6 | ·09 | ·02 | ·06 | — | ·25 | — | — | ·28 | — | — | — | — | | 6 |
| 7 | ·02 | ·06 | ·06 | — | ·65 | — | — | — | — | — | — | ·09 | | 7 |
| 8 | — | ·15 | ·02 | — | ·04 | — | ·01 | — | | ·27 | — | | | 8 |
| 9 | ·02 | ·02 | ·03 | ·03 | ·03 | — | ·06 | — | — | — | — | ·13 | | 9 |
| 10 | — | ·61 | — | | ·07 | ·02 | ·08 | — | — | ·12 | ·07 | ·04 | | 10 |
| 11 | ·02 | ·05 sw | — | | ·01 | ·08 | ·02 | — | — | ·34 | | 03 | | 11 |
| 12 | — | | — | | 07 | ·04 | | — | — | ·10 | — | | | 12 |
| 13 | | | — | | | ·26 | ·01 | — | — | — | — | ·13 sw | | 13 |
| 14 | — | — | ·01 | | ·12 | | ·28 | ·16 | ·02 | ·07 | ·07 | | | 14 |
| 15 | ·06 | — | ·01 | | ·01 | — | ·01 | ·04 | — | — | ·43 | ·03 | | 15 |
| 16 | ·21 | — | ·03 | | — | — | ·22 | ·02 | — | ·32 | ·48 | ·14 | | 16 |
| 17 | ·31 sw | — | ·07 | ·07 | ·18 | ·06 | ·13 | | — | ·04 | ·30 | — | | 17 |
| 18 | ·18 sw | ·10 sw | ·20 | ·05 | ·06 | ·09 | | ·02 | ·02 | | ·21 | | | 18 |
| 19 | — | ·19 sw | ·03 | ·16 sw | ·01 | ·51 | | ·07 | — | — | ·16 | ·02 | | 19 |
| 20 | — | ·03 sw | ·87 | ·02 | | ·60 | ·62 | | ·10 | — | ·04 | ·07 | | 20 |
| 21 | — | ·01 | | | 02 | ·07 | | — | ·12 | ·09 | ·02 | — | | 21 |
| 22 | — | ·02 | — | — | | ·03 | — | ·02 | ·08 | ·10 | ·05 | — | | 22 |
| 23 | — | ·04 sw | — | — | | — | — | | ·03 | ·57 | — | ·01 | | 23 |
| 24 | — | ·29 sw | — | ·01 | ·23 | ·02 | — | ·10 | ·02 | ·03 | — | — | | 24 |
| 25 | — | ·45 sw. | — | ·22 | ·20 | ·17 | — | — | ·50 | ·04 | ·04 | ·11 | | 25 |
| 26 | — | 3·18 sw | — | ·29 | ·02 | ·02 | — | ·13 | ·72 | ·14 | — | ·04 | | 26 |
| 27 | ·02 sw | ·94 | — | ·05 | ·08 | — | — | — | ·06 | ·01 | ·02 | ·04 | | 27 |
| 28 | | ·27. | — | | | — | ·20 | | ·01 | ·19 | ·05 | | | 28 |
| 29 | — | — | — | ·02 | ·03 | — | ·02 | ·48 | ·01 | ·26 | | ·12 | | 29 |
| 30 | — | × | — | ·10 | | — | ·12 | ·06 | — | ·35 | — | ·01 | | 30 |
| 31 | ·03 sw | × ·03 | ·03 | × | | × | ·04 | | × ·09 | ·04 | × | ·05 | | 31 |
| * | 1·53 | 6·76 | 2·03 | 1·01 | 2·81 | | | | | | | ·03 | Year's Total | |
| TOTAL | 15 | 22 ✓ | ~~17~~ 16 | 11 | 20 | 14 | 14 | 11 | ~~12~~ 13 | ~~19~~ 18 | 17 | ~~18~~ 19 | ~~190~~ | ~~189~~. 190 |
| *Days with ·01 in. or more. | ~~9~~ 10 | ~~16~~ 15 | 9 | 7 | 13 | 10 | 9 | 8 | ~~5~~ 6 | ~~17~~ 16 | 14 | ~~10~~ 11 | ~~127~~ 128 ✓ | |
| *Days with .04 in. or more. | 1·62 | 6·67 | 0 | | | | | | 1·78 | 2·08 | 2·84 | 1·18 | 27·~~86~~ 92 | 27·92 |
| TOTAL FOR MONTH | ~~1·53~~ | 6·76 | 2·03 | 1·01 | 2·51 | 2·08 | 1·82 | 1·38 | [illegible] | 3·17 | | 1·13 | | |

40-9999

*See Instruction 2 (f) on other side.

(Signed) B. H. Cole (Gardener)

[P.T.O.

covd. for W. D.

3516

**Section** A for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Raby Castle
*in the County of* Durham

Old Gauge.

Diameter of Funnel of Gauge ............ in.
Height of top of Gauge above Ground ............ ft ............ in.
,, Ground ,, Sea Level ............ ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·12 | ·03 | 5 ~~·005~~ | ·01 ~~·005~~ | | | ·01 ~~·005~~ | | ·09 | | ·01 | 1 |
| 2 | ·09 | ·05 | ·10 | | | ·01 ~~·005~~ | | 5 ~~·005~~ | | | ·08 | | 2 |
| 3 | ·12 | ·02 | 10 | ·01 ~~·005~~ | | ·11 | | | | | ·41 | 03 | 3 |
| 4 | ·01 | ·08 | ·34 | | ·39 | | | | | | ·30 | | 4 |
| 5 | ·22 | ·06 | ·04 | | ·04 | | | | | | ·01 | | 5 |
| 6 | ·09 | ·02 | ·06 | | ·25 | | | ·28 | | | | | 6 |
| 7 | ·02 | ·06 | ·06 | | ·65 | | | | | | | ·09 | 7 |
| 8 | | ·15 | ·02 | | ·04 | | ·01 | | ·01 ~~·005~~ | ·27 | | ·005 | 8 |
| 9 | ·02 | ·02 | ·02 | ·03 | ·05 | | ·06 | | | 5 ~~·005~~ | | ·13 | 9 |
| 10 | | ·61 | | 5 ~~·005~~ | ·07 | ·02 | ·08 | | | ·12 | ·07 | ·04 | 10 |
| 11 | ·02 | ·05 | | | ·01 | ·09 | ·02 | | | ·34 | ·005 | ·03 | 11 |
| 12 | | ·01 ~~·005~~ | | | ·07 | ·04 | ·01 ~~·005~~ | | | ·10 | | ·005 | 12 |
| 13 | ·01 | 5 ~~·005~~ | | | 5 ~~·005~~ | ·26 | ·01 | | | | | ·13 | 13 |
| 14 | | | ·01 | | ·12 | 5 ~~·005~~ | ·28 | ·16 | ·02 | ·07 | ·07 | ·005 | 14 |
| 15 | ·06 | | ·01 | | ·01 | | ·01 | ·04 | | | ·43 | ·03 | 15 |
| 16 | ·21 | | ·03 | | | | ·22 | ·02 | | ·32 | ·48 | ·14 | 16 |
| 17 | ·31 | | ·07 | ·07 | ·18 | ·06 | ·13 | ·01 ~~·005~~ | | ·04 | ·30 | | 17 |
| 18 | ·18 | ·10 | ·20 | ·05 | ·06 | ·09 | 5 ~~·005~~ | ·02 | ·02 | ·01 ~~·005~~ | ·21 | ·005 | 18 |
| 19 | | ·19 | ·03 | ·15 | ·01 | ·51 | ·01 ~~·005~~ | ·07 | | | ·16 | ·02 | 19 |
| 20 | | ·03 | ·87 | ·02 | | ·60 | ·62 | 5 ~~·005~~ | ·10 | | ·04 | ·01 | 20 |
| 21 | | ·01 | ·01 ~~·005~~ | ·01 ~~·005~~ | ·02 | ·07 | 5 ~~·005~~ | | ·12 | ·09 | ·02 | | 21 |
| 22 | | ·02 | | | ·01 ~~·005~~ | 03 | | ·02 | ·08 | ·10 | ·05 | | 22 |
| 23 | | ·04 | | | | | | ·01 ~~·005~~ | ·03 | ·57 | | ·01 | 23 |
| 24 | | ·27 | | ·01 | ·23 | ·02 | | ·10 | ·02 | ·03 | | | 24 |
| 25 | | ·43 | | ·22 | ·20 | ·15 | | | ·50 | ·04 | ·04 | ·11 | 25 |
| 26 | | 3·18 | | ·29 | ·02 | ·02 | | ·13 | ·72 | ·14 | | ·04 | 26 |
| 27 | ·02 | ·94 | | ·05 | ·08 | | | | ·06 | ·01 | ·02 | ·04 | 27 |
| 28 | | ·27 | | 5 ~~·005~~ | 5 ~~·005~~ | | ·20 | 5 ~~·005~~ | ·01 | ·19 | ·05 | ·005 | 28 |
| 29 | | | | ·02 | ·03 | | ·02 | ·48 | ·01 | ·26 | ·005 | ·12 | 29 |
| 30 | | × | | ·10 | | | ·12 | ·06 | | ·35 | | ·01 | 30 |
| 31 | ·03 | × | ·03 | × | | × | ·06 | | 0 × | ·04 | × | ·05 | 31 |
| TOTAL | 12 ~~1·44~~ 1·53 | ·03 ~~6·73~~ 6·64 | ~~2·03~~ 2·00 | ·01 ~~1·03~~ 1·04 | 2·54 | 2·08 | ·01 ~~1·86~~ 1·87 | 1·41 | 09 1·79 | 3·09 | ·01 ~~2·75~~ 2·76 | ~~1·065~~ 1·05~~5~~ | YEAR'S TOTAL 27·80 |
| *Days with ·01 in. or more. | 16 | 23 | 17 | 14 | 21 | 15 | 17 | 13 | 14 | 19 | 18 | 20 | 207 |
| *Days with ·04 in. or more. | 9 8 | 15 ~~16~~ | 9 | 7 | 14 | 10 | 9 | 8 | 7 | 16 | 14 | 10 | 128 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) B. H. Cole for Lord Barnard [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3516

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level ...... ft.

Coord. by annual for mean & summ. Stns. + for W.D.

Old Gauge. Est Sept

no record taken in September - letter in file

W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

·00

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | ·07 | ·005 | | | | | | | | ·13 | | | 1 |
| 2 | ·11 | ·02 | | ·005 | | | | ·40 | | ·01 | | | | 2 |
| 3 | ·01<br>~~·005~~ | ·01 | ·05 | | | | | ·52 | | | | ·51 | | 3 |
| 4 | 5<br>~~·005~~ | ·01 | | | | | | | | ·42 | ·15 | ·14 | | 4 |
| 5 | ·04 | | ·01 | ·11 | | | | | | ·15 | | ·71 | | 5 |
| 6 | | | ·09 | ·20 | ·09 | | | ·005 | | ·02 | ·08 | ·23 | | 6 |
| 7 | | | ·03 | ·01 | ·49 | ·01 | | ·73 | | ·10<br>·005 | ·03 | ·39 | | 7 |
| 8 | ·04 | ·06 | ·02 | ·12 | ·06 | ·09 | | | | ·05 | | ·14 | | 8 |
| 9 | ·01<br>~~·005~~ | | | | ·32 | ·23 | | | | ·03 | ·005 | ·15 | | 9 |
| 10 | | | ·005 | ·42 | | | | ·05 | | | ·73 | ·02 | | 10 |
| 11 | ·02 | | ·40 | ·15 | | | | ·17 | | | ·55 | | | 11 |
| 12 | ·14 | | ·65 | ·94 | | | | | | | ·06 | ·07 | | 12 |
| 13 | 5.<br>~~·005~~ | | ·77 | ·22 | ·005 | | ·19 | ·12 | | ·01 | ·04 | ·15 | | 13 |
| 14 | ·40 | | ·11 | ·05 | ·005 | | ·91 | ·04 | | | ·08 | ·005 | | 14 |
| 15 | ·09 | | ·40 | | ·05 | ·07 | ·17 | | | ·11 | ·04 | ·10 | | 15 |
| 16 | ·05 | | ·02 | | ·15 | | | ·04 | | ·36 | ·13 | ·21 | | 16 |
| 17 | ·17 | | ·15 | | ·06 | | | | | ·01 | ·16 | ·01 | | 17 |
| 18 | ·14 | | ·05 | ·005 | ·07 | | ·36 | | | ·06 | ·005 | ·16 | | 18 |
| 19 | ·15 | | ·005 | ·005 | ·36 | ·02 | | | | ·005 | | ·07 | | 19 |
| 20 | | | ·09 | ·10 | ·005 | ·04 | ·01 | ·03 | | ·005 | ·04 | | | 20 |
| 21 | | | ·06 | ·01 | | ·05 | | ·07 | | | | | | 21 |
| 22 | ·01 | | ·005 | | | ·44 | | ·07 | | ·04 | | | | 22 |
| 23 | | | ·04 | | | ·15 | ·08 | ·14 | | ·24 | | ·04 | | 23 |
| 24 | | | ·05 | ·08 | | | ·07 | | | ·14 | ·03 | ·08 | | 24 |
| 25 | | | | ·05 | ·07 | ·07 | ·005 | | | ·56 | ·005 | ·05 | | 25 |
| 26 | ·02 | ·04 | | ·25 | ·01 | ·005 | | | | ·29 | | ·69 | | 26 |
| 27 | ·11 | | | ·48 | | ·06 | ·03 | | | ·13 | | ·005 | | 27 |
| 28 | | ·20 | ·02 | ·18 | | ·07 | ·03 | | | ·35 | | ·14 | | 28 |
| 29 | | | ·03 | ·30 | | ·13 | ·02 | ·18 | | ·02 | | ·31 | | 29 |
| 30 | ·01<br>~~·005~~ | × | ·03 | | | | ·15 | ·19 | | ·04 | | ·03 | | 30 |
| 31 | ·09 | × | | × | | × | ·16 | | × | ·51 | × | ·07 | | 31 |
| TOTAL | ·07, 11<br>~~1·64~~<br>1·68 | ·005<br>~~·41~~<br>·345 | 3·09 | 3·685 | 1·745 | 1·435 | 2·185 | 2·755 | (1·60) | ·13<br>~~3·565~~<br>3·795 | ~~2·265~~<br>2·135 | 4·48 | Year's Total<br>(28·94) | |
| *Days with ·01 in. or more. | 19 | 7 | 21 | 19 | 12 | 14 | 12 | 15 | (15) | 24 | 15 | 24 | (197) | |
| *Days with ·04 in. or more. | 13 | 3 | 13 | 15 | 11 | 11 | 8 | 13 | (8) | 17 | 11 | 20 | (143) | |
| | 1·68 | ·35 | 3·09 | 3·69 | 1·74 | 1·44 | 2·18 | 2·76 | (1·60) | 3·79 | 2·14 | 4·48 | (28·94) | |

40-9999

† Spare column, no entries required.

(Signed) E. H. Cole (Hd. Gardener)

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3516

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Old Gauge.

Terminated Jan. 31st

Entries Right Day.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·45 | | | | | | | | | | | | | 1 |
| 2 | ·01 | | | | | | | | | | | | | 2 |
| 3 | ·01 | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | ·05 | | | | | | | | | | | | | 5 |
| 6 | ·16 | | | | | | | | | | | | | 6 |
| 7 | ·36 | | | | | | | | | | | | | 7 |
| 8 | ·05 | | | | | | | | | | | | | 8 |
| 9 | ·01 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | ·13 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | ·13 | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | 5<br>·005 | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | 17 |
| 18 | ·03 | | | | | | | | | | | | | 18 |
| 19 | ·01 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | ·15 | | | | | | | | | | | | | 24 |
| 25 | ·15 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | ·14 | | | | | | | | | | | | | 27 |
| 28 | ·10 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 1·94 | | | | | | | | | | | | Year's Total | |
| *Days with ·01 in. or more. | 16 | | | | | | | | | | | | | |
| *Days with .04 in. or more. | 11 | | | | | | | | | | | | | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) J. G. Driver, for Lord Barnard [P.T.O.

326

3517

3517

STAINDROPS RABY CASTLE

DURHAM.

1931 - 1940

780701

**Section** **A** for the entry
AIR MINIS

FORM 1090.

**REG**

FOR OFFICIAL USE.
RAINFALL ORGANIZATION.

**1931 .**

for W.D.
Sept. Right.

*Kept* [illegible] Staindrop
*in the County of* Durh

Diameter of Funnel of Gauge
Height of top of Gauge above Gro
,, Ground ,, Sea

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·29 | ·02 | | | ·05 | ·02 | ·43 | ·16 ✓ | | ·01 | | 1 |
| 2 | | | ·10 | | 01 | ·01 | | | ·88 | ·03 | | | 2 |
| 3 | | ·12 | | 49 | | ·75 | | | ·81 | ·03 | Tr<br>~~·005~~ | ·20 | 3 |
| 4 | | 01 | | 06 | | ·14 | ·04 | | ·46 | | 57 | ·34 | 4 |
| 5 | | ·08 | | ·14 | | | | | ·02 | | 03 | ·12 | 5 |
| 6 | | ·05 | | | ·04 | ·40 | 52 | ·04 | 01<br>~~·005~~ | | ·01<br>~~·005~~ | 31 | 6 |
| 7 | | ·18 | ·30 | | | ·46 | 35 | ·32 | | ·02 | ·02 | | 7 |
| 8 | | ·03 | ·11 | | 02 | ·15 | 10 | ·20 | Tr<br>~~·005~~ | ·04 | ·16 | ·01 | 8 |
| 9 | ·01 | ·01 | ·30 | ·01 | ·10 | 05 | ·57 | ·08 | ·01<br>~~·005~~ | ·03 | ·18 | | 9 |
| 10 | ·01 | ·10 | ·48 | 09 | ·04 | ·04 | ·10 | ·12 | | | ·20 | | 10 |
| 11 | | ·05 | ·12 | | ·07 | ·18 | ·06 | ·06 | ·03 | | 13 | | 11 |
| 12 | 08 | ·34 | | | | ·08 | ·06 | | | | ·03 | | 12 |
| 13 | ·18 | ·01 | | ·02 | | ·04 | ·30 | 13 | | ·10 | | | 13 |
| 14 | ·02 | | ·31 | | ·04 | ·04 | | ·08 | | | | | 14 |
| 15 | ·02 | ·05 | ·11 | | ·08 | 53 | ·12 | 60 | ·01 | | 15 | ·04 | 15 |
| 16 | ·13 | 09 | | ·20 | ·05 | ·01 | ·17 | ·06 | ·19 | | ·06 | | 16 |
| 17 | | ·23 | | ·20 | ·01 | | 01 | 58 | | | | | 17 |
| 18 | ·10 | 18 | | ·30 | | ·08 | ·09 | ·04 | | ·01<br>~~·005~~ | 01 | | 18 |
| 19 | ·01 | ·04 | | ·44 | | ·25 | | | ·04 | ·03 | ·40 | | 19 |
| 20 | | ·01 | | ·14 | | ·08 | ·25 | ·96 | ·01 | 05 | Tr<br>~~·005~~ | | 20 |
| 21 | ·02 | | ·01 | ·10 | | | ·01 | ·01 | | | ·05 | ·05 | 21 |
| 22 | ·08 | ·02 | | ·04 | ·05 | | | ·03 | | | ·01 | Tr<br>~~·005~~ | 22 |
| 23 | ·28 | ·04 | | ·04 | ·40 | ·03 | ·01 | | ·01 | | 01<br>~~·005~~ | | 23 |
| 24 | ·10 | | ·01 | ·09 | ·14 | ·26 | ·01 | | Tr<br>~~·005~~ | ·05 | ·18 | ·01<br>~~·005~~ | 24 |
| 25 | ·04 | | | ·23 | ·64 | | ·04 | ·01 | | 21 | ·08 | | 25 |
| 26 | | ·03 | | ·16 | ·04 | | ·10 | | | | ·03 | Tr<br>~~·005~~ | 26 |
| 27 | 07 | | | ·06 | | | | | | | ·37 | | 27 |
| 28 | ·20 | ·01 | ·01 | ·16 | | | ·01 | | ·02 | ·05 | ·14 | ·04 | 28 |
| 29 | ·41 | | ·05 | ·30 | ·44 | | | | | | | ·04 | 29 |
| 30 | ·15 | ✕ | ·02 | | ·10 | | ·27 | | | ·36 | ·04 | ·07 | 30 |
| 31 | | ✕ | | ✕ | ·71 | ✕ | ·02 | | ✕ | | ✕ | | 31 |
| | 29 / | ·02 | - | - | ·05 | ·02 | ·43 / | | | ·01<br>~~1·01~~ | | | YEAR'S TOTAL |
| TOTAL | ~~1·91~~<br>2·20 | ~~1·97~~<br>1·70 | ~~1·95~~<br>1·93 | 3·27 | ~~2·98~~<br>3·03 | ~~3·63~~<br>3·60 | ~~3·23~~<br>3·64 | ~~3·75~~<br>3·32 | 2·69 | ~~1·005~~<br>1·02 | ~~2·87~~<br>2·86 | 1·23 | 30·49 |
| *Days with ·01 in. or more. | 19 ~~19~~ | 22 | 13 ~~14~~ | 20 | 19 ~~18~~ | 20 | 23 | 16 ~~17~~ | ~~12~~ 14 | 14 ~~15~~ | 22 ~~23~~ | 11 | 213 |
| *Days with ·04 in. or more. | 13 ~~12~~ | 13 ~~14~~ | 9 | 18 | 16 ~~15~~ | 16 ~~17~~ | 17 ~~16~~ | 13 ~~14~~ | 6 | 7 | 14 | 9 | 151 |

40-9999 M

*See Instruction 2 (*f*) on other side.

*(Signed)* B. H. Cole

[P.T.O.

326 3517

**Section** **A** for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Staindrop, Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge .......... in.

Height of top of Gauge above Ground .......... ft .......... in.

,, Ground ,, Sea Level .......... ft.

New Gauge.

Good for W.D. Sept. Right.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·29 | ·02 | | | ·05 | ·02 | ·43 | ·16 ✓ | | ·01 | | 1 |
| 2 | | | ·10 | | ·01 | ·01 | | | ·88 | ·03 | | | 2 |
| 3 | | ·12 | | ·49 | | ·75 | | | ·81 | 03 | ~~·005~~ | ·20 | 3 |
| 4 | | ·01 | | ·06 | | ·14 | ·04 | | ·46 | | 57 | 34 | 4 |
| 5 | | ·08 | | ·14 | | | | | ·02 | | 03 | ·12 | 5 |
| 6 | | ·05 | | | ·04 | ·40 | ·52 | ·04 | ·01<br>~~·005~~ | | ·01<br>~~·005~~ | ·31 | 6 |
| 7 | | ·18 | ·30 | | | ·46 | 35 | ·32 | | ·02 | ·02 | | 7 |
| 8 | | ·03 | ·11 | | ·02 | ·15 | ·10 | ·20 | ~~·005~~ | ·04 | ·16 | ·01 | 8 |
| 9 | ·01 | ·01 | ·30 | ·01 | ·10 | ·05 | ·57 | ·08 | ·01<br>~~·005~~ | ·03 | ·18 | | 9 |
| 10 | ·01 | ·10 | ·48 | ·09 | ·04 | ·04 | ·10 | 12 | | | ·20 | | 10 |
| 11 | | ·05 | ·12 | | ·07 | ·18 | ·06 | ·06 | ·03 | | ·13 | | 11 |
| 12 | 08 | ·34 | | | | ·08 | ·06 | | | | ·03 | | 12 |
| 13 | ·18 | ·01 | | ·02 | | 04 | ·30 | ·13 | | 10 | | | 13 |
| 14 | 02 | | ·31 | | ·04 | ·04 | | ·08 | | | | | 14 |
| 15 | ·02 | ·05 | ·11 | | ·08 | ·53 | ·12 | ·60 | ·01 | | 15 | ·04 | 15 |
| 16 | ·13 | ·09 | | ·20 | ·05 | ·01 | ·17 | ·06 | ·19 | | ·06 | | 16 |
| 17 | | ·23 | | ·20 | ·01 | | ·01 | ·58 | | | | | 17 |
| 18 | 10 | 18 | | ·30 | | ·08 | ·09 | ·04 | | ·01<br>~~·005~~ | ·01 | | 18 |
| 19 | ·01 | ·04 | | ·44 | | ·25 | | | ·07 | ·03 | ·40 | | 19 |
| 20 | | ·01 | | ·14 | | ·08 | ·25 | ·96 | ·01 | 05 | ~~·005~~ | | 20 |
| 21 | ·02 | | ·01 | ·10 | | | ·01 | ·01 | | | ·05 | ·05 | 21 |
| 22 | ·08 | ·02 | | ·04 | ·05 | | | ·03 | | | ·01 | ~~·005~~ | 22 |
| 23 | ·28 | ·04 | | ·04 | ·40 | ·03 | 01 | | ·01 | | ·01<br>~~·005~~ | | 23 |
| 24 | 10 | | ·01 | ·09 | ·14 | ·26 | ·01 | | ~~·005~~ | ·05 | ·18 | ·01<br>~~·005~~ | 24 |
| 25 | ·04 | | | ·23 | ·64 | | ·04 | ·01 | | 21 | ·08 | | 25 |
| 26 | | ·03 | | ·16 | ·04 | | ·10 | | | | ·03 | ~~·005~~ | 26 |
| 27 | 07 | | | ·06 | | | | | | | ·37 | | 27 |
| 28 | ·20 | ·01 | ·01 | ·16 | | | ·01 | | ·02 | ·05 | ·14 | ·04 | 28 |
| 29 | ·41 | | ·05 | ·30 | ·44 | | | | | | | ·04 | 29 |
| 30 | ·15 | ✕ | ·02 | | ·10 | | ·27 | | | ·36 | ·04 | ·07 | 30 |
| 31 | | ✕ | | ✕ | ·71 | ✕ | ·02 | | ✕ | ·01 | ✕ | | 31 |
| TOTAL | 29 /<br>~~1·91~~<br>2·20 | ·02<br>~~1·97~~<br>1·70 | -<br>~~1·95~~<br>1·93 | -<br>3·27 | ·05<br>~~2·98~~<br>3·03 | ·02<br>~~3·63~~<br>3·60 | ·43 /<br>~~3·23~~<br>3·64 | ~~3·75~~<br>3·32 | 2·69 | ~~1·01~~<br>~~1·005~~<br>1·02 | ~~2·87~~<br>2·86 | 1·23 | YEAR'S TOTAL<br>30·49 |
| *Days with ·01 in. or more. | 19 ~~18~~ | 22 | 13 ~~11~~ | 20 | 19 ~~18~~ | 20 | 23 | 16 ~~17~~ | ~~12~~ 14 | 14 ~~13~~ | 22 ~~23~~ | 11 | 213 |
| *Days with ·04 in. or more. | 13 ~~12~~ | 13 ~~11~~ | 9 | 18 | 16 ~~15~~ | 16 ~~17~~ | 17 ~~16~~ | 13 ~~11~~ | 6 | 7 | 14 | 9 | 151 |

40-9999 M

*See Instruction 2 (*f*) on other side.

(*Signed*) B. H. Cole

[P.T.O.

Corrected for W.D. 3517

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Staindrop, Raby Castle
*in the County of* Durham
Diameter of Funnel of Gauge ...... in.
Height of top of Gauge above Ground ...... ft ...... in.
,, Ground ,, Sea Level ...... ft.

new gauge.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·03

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | | ·01 | ·01<br>~~·005~~ | | ·43 | ·17 | 5<br>~~·005~~ | ·45 | ·01<br>~~·005~~ | ·12 | 1 |
| 2 | ·02 | | | ·10 | ·09 | | ·01<br>~~·005~~ | ·01 | ·30 | ·15 | 5<br>~~·005~~ | ·02 | 2 |
| 3 | ·05 | | | | ·60 | | ·05 | ·01 | ·18 | ·07 | ·07 | ·09 | 3 |
| 4 | ·02 | ·01 | | ·10 | 5<br>~~·005~~ | | ·06 | | ·05 | ·02 | ·01<br>~~·005~~ | ·07 | 4 |
| 5 | ·01 | ·01<br>~~·005~~ | | ·04 | ·09 | | ·22 | ·05 | ·01<br>~~·005~~ | | | ·01<br>~~·005~~ | 5 |
| 6 | ·24 | | ·09 | ·02 | ·19 | 5<br>~~·005~~ | | | ·08 | | | ·02 | 6 |
| 7 | ·17 | | ·04 | ·04 | ·03 | | | | 5<br>~~·005~~ | | | ·07 | 7 |
| 8 | | | ·17 | ·05 | ·17 | | | | ·05 | ·17 | | ·01<br>~~·005~~ | 8 |
| 9 | | ·04 | | ·02 | ·01<br>~~·005~~ | | | | ·26 | ·61 | ·09 | ·01 | 9 |
| 10 | ·36 | ·15 | ·03 | ·33 | ·12 | | | | ·02 | ·15 | 5<br>~~·005~~ | ·09 | 10 |
| 11 | ·35 | ·09 | ·05 | ·02 | | | | ·01 | ·18 | ·46 | | ·11 | 11 |
| 12 | ·04 | ·43 | | ·06 | ·33 | ·11 | ·81 | | ·10 | ·07 | ·01<br>~~·005~~ | 5 | 12 |
| 13 | ·17 | ·02 | ·04 | 5<br>~~·005~~ | ·20 | | ·02 | | ·01<br>~~·005~~ | ·11 | ·09 | | 13 |
| 14 | ·03 | ·05 | 5<br>~~·005~~ | ·08 | ·03 | | ·02 | ·04 | ·54 | ·03 | ·02 | ·10 | 14 |
| 15 | ·09 | | | ·02 | | | ·01<br>~~·005~~ | | 5<br>~~·005~~ | ·01 | ·06 | ·01 | 15 |
| 16 | ·07 | | | ·07 | ·06 | | 5<br>~~·005~~ | | | ·02 | ·11 | ·07 | 16 |
| 17 | ·23 | | ·01<br>~~·005~~ | | 5<br>~~·005~~ | | | | | ·01 | ·02 | ·15 | 17 |
| 18 | ·01 | | | ·05 | | | | | | ·20 | 5<br>~~·005~~ | ·02 | 18 |
| 19 | | | | | ·03 | | | | ·01 | | ·01<br>~~·005~~ | 5 | 19 |
| 20 | | ·01 | 5<br>~~·005~~ | ·17 | ·08 | | | | ·01 | ·09 | | | 20 |
| 21 | | | ·02 | ·10 | ·22 | | | ·29 | | ·16 | | ·02 | 21 |
| 22 | | | ·34 | ·03 | ·81 | | ·02 | ·94 | | ·67 | 5<br>~~·005~~ | ·04 | 22 |
| 23 | | | ·41 | ·11 | ·05 | | ·23 | | | ·05 | ·20 | ·01 | 23 |
| 24 | 5<br>~~·005~~ | ·03 | ·01<br>~~·005~~ | ·09 | ·01<br>~~·005~~ | | ·11 | | ·04 | ·03 | ·17 | ·01 | 24 |
| 25 | | ·01 | | | ·01 | | ·37 | | ·08 | ·01 | ·01 | | 25 |
| 26 | | ·02 | | ·12 | ·12 | | 5<br>~~·005~~ | ·02 | ·05 | ·15 | ·15 | | 26 |
| 27 | | ·02 | | ·01 | ·16 | | ·13 | | ·09 | ·13 | ·06 | | 27 |
| 28 | | | ·23 | ·06 | ·07 | ·30 | ·04 | | ·01 | ·21 | ·01<br>~~·005~~ | ·01 | 28 |
| 29 | | 5<br>~~·005~~ | ·04 | ·25 | ·35 | ·41 | ·03 | ·01<br>~~·005~~ | | ·07 | ·14 | | 29 |
| 30 | | X | ·22 | ·05 | ·05 | ·01<br>~~·005~~ | ·64 | ·58 | ·04 | ·11 | ·01 | ·06 | 30 |
| 31 | | X | ·01 | X | | X<br>·43 | ·06<br>17 | ·20 | X | ·22 | 12<br>X | ·05 | 31 |
| | – | – | ·01 | ·01 | 8 | | | | ·45 | ·01 | | | YEAR'S TOTAL<br>6 |
| TOTAL | ~~1·885~~<br>1·86 | ·89 | ~~1·71~~<br>1·72 | 2·00 | 3·8~~9~~ | ~~·856~~<br>1·26 | ~~3·26~~<br>3·00 | ~~2·325~~<br>2·16 | ~~2·11~~<br>2·56 | ~~4·43~~<br>3·99 | ~~1·245~~<br>1·36 | ~~1·17~~<br>1·08 | 25·7~~3~~ |
| *Days with ·01 in. or more. | 15 ~~16~~ | 13 | 16 ~~15~~ | 25 | 24 ~~25~~ | 5 ~~4~~ | 18 | 11 | 21 | 26 | 19 | 23 | 216~~5~~ |
| *Days with ·04 in. or more. | 10 | 5 | 10 | 18 | 18 | 4 ~~3~~ | 12 | 6 | 14 | 19 | 11 | 11 | 138 |

63
57

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) ......

[P.T.O.

**Section** **A** for the entry of Daily Observations. cond. for W.D. 3517

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Raby Castle
*in the County of* Durham

New Gauge

Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft ........ in.
,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ·03

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | ·12 | ·03 | 5 ~~·005~~ | ·01 ~~·005~~ | | | ·01 ~~·005~~ | | ·09 | | ·01 | 1 |
| 2 | ·09 | ·05 | ·10 | | | 5 ~~·005~~ | | 5 ~~·005~~ | | | ·08 | | 2 |
| 3 | ·12 | ·02 | ·10 | ·01 ~~·005~~ | | ·11 | | | | | ·41 | ·03 | 3 |
| 4 | ·01 | ·08 | ·34 | | ·39 | | | | | | ·38 | | 4 |
| 5 | ·22 | ·06 | ·04 | | ·04 | | | | | | ·01 | | 5 |
| 6 | ·09 | ·01 | ·06 | | ·25 | | | ·28 | | | | | 6 |
| 7 | ·01 | ·06 | ·06 | | ·66 | | | | | | | ·09 | 7 |
| 8 | | ·15 | ·02 | | ·04 | | ·01 | | ·01 ~~·005~~ | ·27 | | 5 ~~·005~~ | 8 |
| 9 | ·02 | ·02 | ·02 | ·03 | ·05 | | ·06 | | | 5 ~~·005~~ | | ·13 | 9 |
| 10 | | ·61 | | 5 ~~·005~~ | ·07 | ·02 | ·05 | | | ·12 | ·07 | ·04 | 10 |
| 11 | ·02 | ·05 | | | 5 ~~·005~~ | ·09 | ·02 | | | ·34 | 5 ~~·005~~ | ·03 | 11 |
| 12 | | ·01 ~~·005~~ | | | ·07 | ·04 | ·01 ~~·005~~ | | | ·09 | | ·01 ~~·005~~ | 12 |
| 13 | ·01 | 5 ~~·005~~ | | | ·01 ~~·005~~ | ·26 | ·01 | | | | | ·13 | 13 |
| 14 | | | ·01 | | ·12 | ·01 ~~·005~~ | ·28 | ·16 | ·02 | ·07 | ·07 | 5 ~~·005~~ | 14 |
| 15 | ·06 | | ·01 | | ·01 | | ·01 | ·04 | | | ·43 | ·03 | 15 |
| 16 | ·21 | | ·03 | | | | ·22 | ·02 | | ·32 | ·48 | ·14 | 16 |
| 17 | ·31 | | ·07 | ·07 | ·18 | ·06 | ·13 | ·01 ~~·005~~ | | ·04 | ·29 | | 17 |
| 18 | ·18 | ·10 | ·20 | ·05 | ·06 | ·09 | 5 ~~·005~~ | ·02 | ·02 | ·01 ~~·005~~ | ·20 | ·01 ~~·005~~ | 18 |
| 19 | | ·19 | ·03 | ·15 | ·01 | ·51 | ·01 ~~·005~~ | ·07 | | | ·15 | ·01 | 19 |
| 20 | | ·03 | ·87 | ·02 | | ·60 | ·61 | 5 ~~·005~~ | ·10 | | ·04 | ·01 | 20 |
| 21 | | ·01 | ·01 ~~·005~~ | ·01 ~~·005~~ | ·02 | ·07 | 5 ~~·005~~ | | ·12 | ·09 | ·02 | | 21 |
| 22 | | ·02 | | | 5 ~~·005~~ | ·03 | | ·02 | ·08 | ·10 | ·05 | | 22 |
| 23 | | ·04 | | | | | | ·01 ~~·005~~ | ·03 | ·57 | | 5 ~~·005~~ | 23 |
| 24 | | ·27 | | ·01 | ·23 | ·02 | | ·10 | ·02 | ·03 | | | 24 |
| 25 | | ·43 | | ·22 | ·20 | ·15 | | | ·50 | ·04 | ·04 | ·11 | 25 |
| 26 | | 3·18 | | ·29 | ·02 | ·02 | | ·13 | ·72 | ·14 | | ·04 | 26 |
| 27 | ·02 | ·94 | | ·05 | ·08 | | | | ·06 | ·01 | ·02 | ·04 | 27 |
| 28 | | ·27 | | 5 ~~·005~~ | ·01 ~~·005~~ | | ·20 | 5 ~~·005~~ | ·01 | ·19 | ·05 | ·01 ~~·005~~ | 28 |
| 29 | | | | ·02 | ·03 | | ·02 | ·47 | ·01 | ·26 | ·01 ~~·005~~ | ·12 | 29 |
| 30 | | × | | ·10 | | | ·12 | ·06 | | ·34 | | ·01 | 30 |
| 31 | ·03 | × | ·03 | × | | × | ·06 | | × | ·04 | × | ·05 | 31 |
| TOTAL | ·12 ~~1·43~~ 1·52 | ·03 ~~6·72~~ 6·613 | – ~~2·03~~ 2·00 | ·01 1·03 1·04 | 3·55 5 | 2·08 | ·01 1·83 | 1·40 | ·09 1·79 | 3·07 | ·01 ~~2·80~~ 2·81 | ·03 ~~1·05~~ 1·07 | YEAR'S TOTAL 27·76 9 |
| *Days with ·01 in. or more. | 16 | 23 | 17 | 14 | 21 | 15 | 16 | 13 | 14 | 18 | 19 | ~~19~~ 20 | 20~~5~~6 |
| *Days with ·04 in. or more. | 9 8 | 15 16 | 9 | 7 | 14 | 10 | 9 | 8 | 7 | 16 | 14 | ~~10~~ 11 | 12~~8~~9 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) B. H. Cole for Lord Barnard

[P.T.O.

COPY FOR OFFICIAL USE. 3516 or 7

**Section** **A** for the entry of Daily Observations. **Station No.** 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* RABY CASTLE (GARDENS)

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 300 ft.

WD

Will enter to previous day from 1/1/35

Covd. by cards. & for W.D.

New Gauge

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: Nil

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .03 | .07 | — | — | — | — | — | — | .08 | .01 | .03 S.W. | — | | 1 |
| 2 | .11 | .02 | .005 | ~~.005~~ .01 | | — | — | .39 | ~~.005~~ 5 | .02 | — | — | | 2 |
| 3 | ~~.005~~ .01 | .01 | .05 | — | — | — | | .50 | .17 | — | — | .50 | | 3 |
| 4 | ~~.005~~ 5 | .01 | . | — | — | — | — | — | — | .41 | .17 | .15 | | 4 |
| 5 | .04 | | .01 | .11 | — | — | — | — | — | .15 | — | .69 | | 5 |
| 6 | — | | .09 | .20 | .09 | — | — | ~~.005~~ .01 | — | .02 | .09 | .23 | | 6 |
| 7 | — | | .03 S.W. | .01 | .49 | .01 | — | .72 | .08 | .10 | .03 | .39 | | 7 |
| 8 | .04 | .06 | .02 | .12 | .06 | .09 | — | — | . | ~~.005~~ 5 | — | .14 | | 8 |
| 9 | ~~.005~~ .01 | | | — | ~~.36~~ .32 | .23 | — | — | .01 | .05 | ~~.005~~ .01 | .15 | | 9 |
| 10 | — | | ~~.005~~ 5 | .42 | — | — | — | .05 | .03 | .04 | .74 S.W. | ~~.08~~ .02 | | 10 |
| 11 | .02 | | .40 | .15 | — | — | — | .16 | . | — | .55 | | | 11 |
| 12 | ~~.14~~ .13 | | .65 | .94 | — | — | — | — | . | — | .06 | .07 | | 12 |
| 13 | ~~.005~~ 5 | | .77 | .22 | ~~.005~~ 5 | — | .19 | .12 | — | .01 | .03 | | These figures [illegible] as shown on slide P. — See overleaf | 13 |
| 14 | .40 | | .11 | .05 | ~~.005~~ .01 | — | .91 | .04 | . | - | .08 | .15 | | 14 |
| 15 | .09 | | .40 | — | .05 | .07 | .17 | — | ~~.005~~ .01 | .10 | .03 | ~~.005~~ 5 | | 15 |
| 16 | .05 | | .02 | — | .15 | — | — | .04 | . | .35 | .12 | .10<br>.01 | | 16 |
| 17 | .17 | | .15 | — | .06 | — | — | — | ~~.005~~ 5 | .01 | .16 | .21 | | 17 |
| 18 | .14 | | .05 | ~~.005~~ 5 | ~~.07~~ .06 | — | .36 | — | .16 | .06 | ~~.005~~ 5 | .01 | | 18 |
| 19 | .15 | | ~~.005~~ .01 | ~~.005~~ .01 | .36 | .02 | — | — | - | ~~.005~~ .01 | — | .16 | | 19 |
| 20 | — | | .10 | ~~.01~~ .10 | ~~.005~~ 5 | .04 | .01 | .03 | .05 | ~~.005~~ 5 | .04 | .06 | | 20 |
| 21 | — | | .06 | .01 | — | .05 | — | .06 | ~~.005~~ .01 | — | — | | | 21 |
| 22 | .01 | | ~~.005~~ 5 | — | — | .44 | — | .07 | .18 | .04 | — | — | | 22 |
| 23 | — | | — | — | — | .16 | .08 | .13 | .25 | .23 | - | .04 | | 23 |
| 24 | — | | .03 | .08 | — | — | .07 | — | - | .13 | .03 | .07 | | 24 |
| 25 | — | | .05 | .05 | .07 | .07 | ~~.005~~ 5 | — | .03 | .57 | ~~.005~~ .01 | .05 | | 25 |
| 26 | .02 | .04 | — | .25 | .01 | ~~.005~~ .01 | — | — | ~~.005~~ 5 | .28 | — | .68 | | 26 |
| 27 | .11 | — | — | .48 | — | .06 | .03 | — | .10 | .12 | — | ~~.005~~ .01 | | 27 |
| 28 | — | .20 S.W. | — | .18 | — | .07 | .03 | — | ~~.005~~ .01 | .33 | — | .14 | | 28 |
| 29 | — | .01 | .02 | ~~.30~~ .29 | — | .13 | .02 | .17 | — | .03 | — | .31 | | 29 |
| 30 | ~~.005~~ .01 | ✗ | .02 | — | — | — | .16 | .18 | .50 | .04 | — | .03 | | 30 |
| 31 | .09 | ✗ | .03 | ✗ | — | ✗ | .16 | . | ✗ | ~~.56~~ .55 | ✗ | .07 | | 31 |
| TOTAL | .07<br>~~1.63~~ | ~~.41~~ | 3.08 | ~~2.68~~ | ~~1.78~~ | ~~1.44~~ | 2.19 | .08<br>~~2.16~~ | .01<br>1.66 0 | .13<br>~~3.62~~ | ~~2.27~~ | ~~4.35~~ | Year's Total.<br>86<br>~~28.38~~ | |
| * Days with .01 in. or more. | 1.67<br>19 ~~3~~ | .35<br>~~8~~ 7 | ~~8~~ 21 | 3.64<br>~~8~~ 19 | 1.73<br>12 | 1.45<br>14 ~~8~~ | 12 ~~4~~ | 2.75<br>16 | ~~8~~ 15 | 3.79<br>~~5~~ 24 | 2.15<br>~~4~~ 15 | 4.43<br>24 | 198<br>~~44~~ | |
| * Days with .04 in. or more. | 12 | ~~4~~ 3 | 12 | 1~~4~~5 | 10 | 11 | 8 | 1~~8~~4 | ~~9~~ 8 | 1~~6~~8 | ~~10~~ 9 | ~~19~~ 20 | 140<br>~~138~~ | |

40-9999

M

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) J. G. Driver

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

New Gauge.

Oct. corr. by annual & surr. stas. & for

W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·00

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | ·07 | ·005 | | | | | | ·08 | ·01 | 13 | | | 1 |
| 2 | 11 | ·02 | | ·005 | | | | ·39 | ·005 | ·02 | | | | 2 |
| 3 | 01<br>~~·005~~ | ·01 | ·05 | | | | | ·50 | ·17 | | | ·50 | | 3 |
| 4 | G.<br>~~·005~~ | ·01 | | | | | | | | ·41 | ·17 | ·15 | | 4 |
| 5 | ·04 | | ·01 | ·11 | | | | | | ·15 | | ·69 | | 5 |
| 6 | | | ·09 | ·20 | ·09 | | | ·005 | | ·02 | ·09 | ·23 | | 6 |
| 7 | | | ·03 | ·01 | ·49 | ·01 | | ·72 | ·08 | ·10<br>·005 | ·03 | ·39 | | 7 |
| 8 | ·04 | ·06 | ·02 | ·12 | ·06 | ·09 | | | | ·05 | | ·14 | | 8 |
| 9 | 01<br>~~·005~~ | | | | ·32 | ·23 | | | ·01 | ·04 | ·005 | ·15 | | 9 |
| 10 | | | ·005 | ·42 | | | | ·05 | ·03 | | ·74 | ·02 | | 10 |
| 11 | ·02 | | ·40 | ·15 | | | | ·16 | | | ·55 | | | 11 |
| 12 | 13 | | ·65 | ·94 | | | | | | | ·06 | ·07 | | 12 |
| 13 | G.<br>~~·005~~ | | ·77 | ·22 | ·005 | | ·19 | ·12 | | ·01 | ·03 | ·15 | | 13 |
| 14 | ·40 | | ·11 | ·05 | ·005 | | ·91 | ·04 | | | ·08 | ·005 | | 14 |
| 15 | ·09 | | ·40 | | ·05 | ·07 | ·17 | | ·005 | ·10 | ·03 | ·10 | | 15 |
| 16 | ·05 | | ·02 | | ·15 | | | ·04 | | ·35 | ·12 | ·21 | | 16 |
| 17 | ·17 | | ·15 | | ·06 | | | | ·005 | ·01 | ·16 | ·01 | | 17 |
| 18 | ·14 | | ·05 | ·005 | ·06 | | ·36 | | ·16 | ·06 | ·005 | ·16 | | 18 |
| 19 | ·15 | | ·005 | ·005 | ·36 | ·02 | | | | ·005 | | ·06 | | 19 |
| 20 | | | ·10 | ·10 | ·005 | ·04 | ·01 | ·03 | ·05 | ·005 | ·04 | | | 20 |
| 21 | | | ·06 | ·01 | | ·05 | | ·06 | ·005 | | | | | 21 |
| 22 | ·01 | | ·005 | | | ~~·44~~ | | ·07 | ·18 | ·04 | | | | 22 |
| 23 | | | ·03 | | | ·16 | ·08 | ·13 | ·25 | ·23 | | ·04 | | 23 |
| 24 | | | ·05 | ·08 | | | ·07 | | | ·13 | ·03 | ·07 | | 24 |
| 25 | | | | ·05 | ·07 | ·07 | ·005 | | ·03 | ·57 | ·005 | ·05 | | 25 |
| 26 | ·02 | ·04 | | ·25 | ·01 | ·005 | | | ·003 | ·28 | | ·68 | | 26 |
| 27 | ·11 | | | ·48 | | ·06 | ·03 | | ·10 | ·12 | | ·005 | | 27 |
| 28 | | ·20 | ·02 | ·18 | | ·07 | ·03 | | ·005 | ·33 | | ·14 | | 28 |
| 29 | | ·005 | ·02 | ·29 | | ·13 | ·02 | ·17 | | ·03 | | ·31 | | 29 |
| 30 | 01<br>~~·005~~ | ✕ | ·03 | | | | ·16 | ·18 | ·50 | ·04 | | ·03 | | 30 |
| 31 | ·09 | ✕ | | ✕ | | ✕ | ·16 | | ✕<br>·01 | ·55 | ✕ | ·07 | | 31 |
| TOTAL | ·09<br>~~1·63~~<br>1·67 | ·345<br>~~·41~~ | 3·08 | 3·675 | 1·735 | 1·445 | 2·195 | ·08<br>~~2·665~~<br>2·745 | 1·668<br>~~1·66~~<br>1·598 | ·13<br>~~3·665~~<br>3·795 | ~~2·275~~<br>2·145 | 4·43 | Year's Total | |
| *Days with ·01 in. or more. | 19 | 7 | 21 | 19 | 12 | 14 | 12 | 16 | 15 | 27 | 15 | 24 | 198 | |
| *Days with ·04 in. or more. | 12 | 3 | 12 | 15 | 10 | 11 | 8 | 14 | 8 | 18 | 9 | 20 | 140 | |

40-9999

*See Instruction 2 (f) on other side

M

† Spare column, no entries required.

(Signed) B. H. Cole (Hd. gardener) P.T.O.

Totals 1·67 ·35 3·08 3·67 1·73 1·45 2·19 2·75 1·60 3·79 2·15 4·43 28·86 Total

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Raby Castle

*in the County of* Durham

New Gauge.

Diameter of Funnel of Gauge .......... in.

Height of top of Gauge above Ground .......... ft .......... in.

,, Ground ,, Sea Level .......... ft.

Entered Regist. Day.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·44 | ·02 | ·03 | ·01 | | | ·06 | | ·23 | ·25 | ·02 | ·22 | | 1 |
| 2 | ·01 | ·01 | | ·01 | | ·05 | | | ·02 | ·85 | ·04 | | | 2 |
| 3 | ·01 | ·38 | ·10 | ·08 | | ·09 | | | ·17 | ·01 | ·24 | | | 3 |
| 4 | | ·01 ~~·005~~ | ·01 | ·12 | | ·31 | ·03 | | ·01 | ·65 | ·04 | | | 4 |
| 5 | ·05 | ·42 | ·02 | | | ·02 | | | ·02 | ·09 | ·03 | | | 5 |
| 6 | ·15 | ·05 | | | | ·21 | | | | ·12 | ·01 ~~·005~~ | | | 6 |
| 7 | ·34 | ·01 | | ·10 | | ·17 | | | | ·01 | ·29 | ·02 | | 7 |
| 8 | ·04 | | | ·14 | | ·06 | | | | ·5 ~~·005~~ | ·04 | ·09 | | 8 |
| 9 | ·01 | ·02 | ·01 ~~·005~~ | ·49 | | ·12 | | | | ·44 | ·29 | ·05 | | 9 |
| 10 | | ·01 | | ·08 | | ·04 | | | | ·10 | ·27 | | | 10 |
| 11 | ·13 | | | ·05 | | ·02 | | ·15 | ·01 ~~·005~~ | ·04 | ·08 | ·08 | | 11 |
| 12 | | 5. ~~·005~~ | | | | ·01 | | ·01 | | ·01 ~~·005~~ | 5. ~~·005~~ | ·01 | | 12 |
| 13 | ·13 | ·03 | | ·07 | ·21 | | | | ·07 | | | | | 13 |
| 14 | | ·01 | ·03 | ·07 | ·16 | ·04 | ·10 | | ·11 | | ·49 | ·31 | | 14 |
| 15 | 5 ~~·005~~ | ·19 | | ·30 | ·19 | ·08 | | | ·23 | 5. ~~·005~~ | ·12 | ·06 | | 15 |
| 16 | | ·62 | ·08 | ·28 | ·18 | ·02 | | ·06 | ·44 | | ·33 | | | 16 |
| 17 | | ·03 | 5. ~~·005~~ | ·17 | ·03 | ·14 | | ·46 | ·17 | | 1·41 | ·06 | | 17 |
| 18 | ·02 | ·02 | | | ·04 | ·16 | ·01 | 2·62 | ·09 | ·12 | ·16 | | | 18 |
| 19 | ·01 | ·04 | | ·05 | 5 ~~·005~~ | ·21 | ·13 | | ·02 | ·08 | ·11 | ·01 | | 19 |
| 20 | | ·19 | | ·24 | | ·12 | | ·01 | | | ·20 | | | 20 |
| 21 | | ·35 | | ·07 | | | | | 2·14 | ·12 | ·32 | | | 21 |
| 22 | | ·08 | ·22 | ·04 | | | | | 5. ~~·005~~ | | ·04 | | | 22 |
| 23 | | ·01 | | ·01 | | | | ·26 | | ·14 | ·05 | | | 23 |
| 24 | ·14 | 1·12 | ·06 | | | | ·05 | | 1·05 | ·04 | | ·28 | | 24 |
| 25 | ·15 | ·15 | ·02 | | | ·02 | | | | | ·02 | ·26 | | 25 |
| 26 | | | | | | ·15 | ·07 | ·83 | ·26 | ·04 | ·03 | ·18 | | 26 |
| 27 | ·14 | ·20 | | | | | ·02 | | ·18 | ·12 | ·02 | ·04 | | 27 |
| 28 | ·10 | ·03 | | | | | | ·21 | ·09 | ·24 | ·07 | ·01 | | 28 |
| 29 | | | ·10 | | | ·04 | | ·03 | ·05 | ·15 | ·04 | ·06 | | 29 |
| 30 | | × | ·03 | | | ·32 | | ·07 | ·71 | ·44 | ·29 | 5 ~~·005~~ | | 30 |
| 31 | | × | | × | | × | | | × | ·05 | × | ·19 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·87 | 4·00 | ·71 | 2·38 | ·81 | 2·40 | ·47 | 4·71 | 6·07 | 4·11 | 5·05 | 1·93 | 34·51 | |
| *Days with ·01 in. or more. | 16 | 24 | 12 | 19 | 6 | 22 | 8 | 11 | 20 | 22 | 27 | 17 | 204 | |
| *Days with .04 in. or more. | 11 | 12 | 5 | 16 | 5 | 17 | 5 | 8 | 15 | 19 | 21 | 13 | 147 | |

† Spare column, no entries required.

(*Signed*) J. G. Driver for Lord Barnard

[P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3517.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

~~UD~~

*Kept at* Raby Castle Gardens.
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 450 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: /

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·44 | ·02 | ·03 | ·01 | — | — | ·06 | — | ·23 | ·25 | ·02 | ·22 | | 1 |
| 2 | ·01 | ·01 | — | ·01 | — | ·05 | — | — | ·02 | ·85 | ·04 | — | | 2 |
| 3 | ·01 | ·38 | ·10 | S.R. ·08 | — | ·09 | — | — | ·17 | ·01 | ·24 | — | | 3 |
| 4 | — | ·005 | ·01 | ·12 | — | ·31 | ·03 | — | ·01 | ·65 | ·04 | — | | 4 |
| 5 | ·05 | ·42 | ·02 | — | — | ·02 | — | — | ·02 | ·09 | ·03 | — | | 5 |
| 6 | S.R. ·15 | S.R. ·05 | — | — | — | ·21 | — | — | — | ·12 | ·005 | — | | 6 |
| 7 | S.R. ·34 | ·01 | — | ·10 | — | ·17 | — | — | — | ·01 | ·29 | ·02 | | 7 |
| 8 | ·04 | — | — | ·14 | — | ·06 | — | — | — | ·005 | ·04 | ·09 | | 8 |
| 9 | ·01 | ·01 | ·005 | ·49 | — | ·12 | — | — | — | ·44 | ·29 | ·05 | | 9 |
| 10 | — | ·02 | — | ·08 | — | ·04 | — | — | — | ·10 | ·27 | ·08 | | 10 |
| 11 | S.R. ·13 | — | — | ·05 | — | ·02 | — | ·15 | ·005 | ·04 | ·08 | S.R. ·01 | | 11 |
| 12 | — | ·005 | — | — | — | ·01 | — | ·01 | — | ·005 | ·005 | — | | 12 |
| 13 | S.R. ·13 | ·03 | — | ·07 | S.R. ·21 | — | — | — | ·07 | — | — | S.R. ·31 | | 13 |
| 14 | — | ·01 | ·03 | ·07 | ·16 | ·04 | ·10 | — | ·11 | — | ·49 | ·06 | | 14 |
| 15 | ·005 | ·19 | — | ·50 | S.R. ·19 | ·08 | — | — | ·23 | ·005 | ·12 | — | | 15 |
| 16 | — | ·62 | ·08 | ·08 | S.R. ·18 | ·02 | — | ·06 | ·44 | — | ·33 | ·06 | | 16 |
| 17 | — | ·03 | ·005 | ·17 | ·03 | ·14 | — | ·46 | ·17 | — | 1·41 | — | | 17 |
| 18 | ·02 | ·02 | — | — | ·04 | ·16 | ·01 | 2·62 | ·09 | ·12 | ·16 | S.R. ·01 | | 18 |
| 19 | ·01 | ·04 | — | ·05 | ·005 | ·21 | ·13 | — | ·02 | ·08 | ·11 | — | | 19 |
| 20 | — | ·19 | — | ·24 | — | ·12 | — | ~~·01~~ | — | — | ·20 | — | | 20 |
| 21 | — | ·35 | — | ·07 | — | — | — | — | 2·14 | ·12 | ·32 | — | | 21 |
| 22 | — | S.R. ·08 | ·22 | ·04 | — | — | — | — | ·005 | — | ·04 | — | | 22 |
| 23 | — | S.R. ·01 | — | ·01 | — | — | — | ·26 | — | ·14 | ·05 | — | | 23 |
| 24 | S.R. ·14 | S.R. 1·12 | ·06 | — | — | — | ·05 | ·005 | 1·05 | ·04 | — | ·28 | | 24 |
| 25 | S.R. ·15 | S.R. ·15 | ·02 | — | — | ·02 | — | — | — | — | ·02 | ·26 | | 25 |
| 26 | — | — | — | — | — | ·15 | ·07 | ·83 | ·26 | ·04 | ·03 | ·18 | | 26 |
| 27 | S.R. ·14 | S.R. ·20 | — | — | — | — | ·02 | — | ·18 | ·12 | ·02 | ·04 | | 27 |
| 28 | ·10 | ·03 | — | — | — | — | — | ·21 | ·09 | ·24 | ·07 | ·01 | | 28 |
| 29 | — | ✕ | ·10 | — | — | ·04 | — | ·03 | ·05 | ·15 | ·04 | ·06 | | 29 |
| 30 | — | ✕ | ·03 | — | — | ·32 | — | ·07 | ·71 | ·44 | ·29 | ·005 | | 30 |
| 31 | — | ✕ | — | ✕ | | ✕ | — | — | ✕ | ·05 | ✕ | ·19 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·87 | 4·00 | ·71 | 2·38 | ·81 | 2·40 | ·47 | 4·71 | 6·07 | 4·11 | 5·05 | 1·93 | 34·51 | |
| * Days with .01 in. or more. | 5 | 11 | 6 | 3 | 1 | 4 | 3 | 3 | 4 | 2 | 5 | 4 | 51 | |
| * Days with .04 in. or more. | 11 | 12 | 4 | 16 | 5 | 17 | 5 | 8 | 15 | 19 | 21 | 13 | 146 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. G. Driver [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

* Note on card. Still snowing when measured on Mar. 1st at 8.0 A.M.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·26 | ·16 | ·80 | 03 | | ·15 | ·02 | ·38 | ·13 | — | ·03 | ~~·005~~ | | 1 |
| 2 | | | ·24 | | | ·14 | ·03 | ·12 | — | ·005 | - | ·06 | | 2 |
| 3 | 01 | ·07 | | | | 1·28 | | ·01 | ·33 | — | - | — | | 3 |
| 4 | 14 | ·02 | | | ·01<br>~~005~~ | ·03 | | ·12 | ·15 | ·005 | ·02 | ·08 | | 4 |
| 5 | ·09 | ·01 | ·03 | | 01 | ·01 | | ·11 | ·005 | ·01 | ·30 | ·04 | | 5 |
| 6 | ·06 | | | | 01 | | ·12 | ·86 | ·32 | — | ·20 | ·06 | | 6 |
| 7 | 04 | | 02 | | 5<br>~~005~~ | | ·42 | | ·07 | — | ·17 | ·01 | | 7 |
| 8 | 10 | | ·20 | | | | | | ·005 | ·04 | ·03 | — | | 8 |
| 9 | ·75 | ·02 | 41 | | | | ·29 | ·01 | ·01 | ·10 | ·19 | — | | 9 |
| 10 | ·17 | | | | | | ·01 | | ·005 | — | ·04 | — | | 10 |
| 11 | 02 | | | ·14 | | ·03 | ·01 | ·07 | ·01 | ·01 | ·82 | — | | 11 |
| 12 | | | 01<br>~~005~~ | ·41 | | ·27 | ·08 | ·02 | ·32 | — | ·57 | ·13 | | 12 |
| 13 | | | | 20 | ·03 | ·05 | ·02 | | ·01 | ·04 | ·02 | ·73 | | 13 |
| 14 | | | | ·28 | | ·24 | ·07 | ·05 | 1·95 | — | ·01 | ·59 | | 14 |
| 15 | | 01<br>~~005~~ | | 10 | ·09 | ·01 | ·08 | ·03 | ·10 | ·03 | ·23 | ·12 | | 15 |
| 16 | | | | ·02 | | ·01 | ·02 | | ·01 | ·02 | ·30 | ·04 | | 16 |
| 17 | ·05 | ·43 | | ·06 | ·05 | | ·33 | | — | ·13 | ·28 | ·08 | | 17 |
| 18 | | 18 | | ·08 | | | ·01<br>~~005~~ | ·11 | — | ·07 | ·03 | ·03 | | 18 |
| 19 | 1·68 | ·10 | | | | | ·14 | ·06 | — | ·03 | - | ·04 | | 19 |
| 20 | 17 | ·09 | 5<br>~~005~~ | | | | ·67 | 5<br>~~005~~ | — | — | - | — | | 20 |
| 21 | ·04 | ·03 | ·01 | 01 | | ·03 | | | — | — | - | ·04 | | 21 |
| 22 | 03 | ·38 | 01<br>~~005~~ | 02 | ·03 | ·39 | ·04 | | — | — | - | ·01<br>~~·005~~ | | 22 |
| 23 | | ·15 | ·03 | ·12 | ·17 | | ·73 | | — | — | - | — | | 23 |
| 24 | 09 | ·18 | | | 1·13 | | ·02 | | ·12 | ·17 | - | — | | 24 |
| 25 | 30 | ·03 | 06 | | 01 | | 08 | | ·80 | ·23 | - | — | | 25 |
| 26 | 01 | 06 | ·73 | | | | ·03 | | ·05 | ·47 | ·08 | — | | 26 |
| 27 | 17 | 5<br>~~005~~ | ·07 | | | | ·03 | | ·37 | ·18 | - | — | | 27 |
| 28 | 23 | ·91 | ·01 | ·03 | | | ·19 | | — | — | - | — | | 28 |
| 29 | 47 | 61 | 15 | | ·93 | ·77 | ·04 | | — | ·04 | ·03 | ~~·005~~ | | 29 |
| 30 | ·01 | ✕ | ·02 | | ·07 | ·18 | ·20 | | — | ·28 | ·02 | ·01 | | 30 |
| 31 | ·03 | ✕ | 15 | ✕ | ·01 | ✕ | 5<br>~~·005~~ | | ✕ | — | ✕ | ·10 | | 31 |
| TOTAL | 4·92 | 3·44 | 5<br>2·9~~45~~ | 1·50 | 2·55 | 3·59 | 3·68 | 1·95 | 4·76 | 1·86 | 3·37 | 2·17 | Year's Total.<br>36·74 | |
| * Days with .01 in. or more. | 23 | 18 | 17 | 13 | 13 | 15 | 25 | 13 | 16 | 16 | 19 | 16 | 204 | |
| * Days with .04 in. or more. | 17 | 12 | 9 | 8 | 6 | 9 | 15 | 9 | 12 | 11 | 11 | 13 | 132 | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) J. G. Driver for Lord Barnard

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Staindrop, Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ..................ft.

new gauge
[illegible]

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·03 | ·10 | – | – | ·005 | – | – | ·20 | ~~·04~~ | ·20 | ·40 | | 1 |
| 2 | ·03 | ·11 | ·03 | ·66 | – | ·03 | – | – | ·01 | ·04 | ·005 | ·22 | | 2 |
| 3 | – | ·08 | ·03 | ·12 | ·05 | ·10 | 1·05 | – | ·005 | ·005 | – | ·40 | | 3 |
| 4 | ·17 | ·03 | ·07 | – | – | ·005 | ·05 | – | ·005 | – | – | ·10 | | 4 |
| 5 | ·11 | – | ·04 | ·04 | ·06 | – | ·08 | ·40 | ·10 | – | – | ·30 | | 5 |
| 6 | ·08 | – | ·05 | ·40 | ·12 | – | – | – | ·01 | – | ·01 | ·20 | | 6 |
| 7 | ·01 | ·38 | ·08 | ·18 | ·14 | ·10 | – | – | ·01 | – | ·10 | ·30 | | 7 |
| 8 | – | ·36 | ·14 | ·03 | – | ·06 | ·15 | – | – | – | – | ·10 | | 8 |
| 9 | – | ·02 | ·17 | ·08 | ·02 | – | ·43 | ·10 | – | – | – | ·30 | | 9 |
| 10 | – | ·07 | – | – | ·30 | ·05 | ·01 | ·10 | – | – | ·20 | ·10 | | 10 |
| 11 | – | – | 1·79 | ·04 | ·07 | – | – | – | – | – | – | ·45 | | 11 |
| 12 | ·26 | ·34 | ·73 | ·19 | ·02 | ·17 | – | – | ·20 | – | – | ·20 | | 12 |
| 13 | – | ·08 | ·03 | ·05 | ·01 | ·12 | – | ·04 | ·10 | – | – | ·10 | | 13 |
| 14 | – | ·02 | ·02 | – | – | ·02 | – | ·50 | – | – | – | ·20 | | 14 |
| 15 | ·14 | ·39 | – | ·14 | – | ·01 | ·19 | ·10 | ·10 | – | – | ·20 | | 15 |
| 16 | ·04 | ·18 | ·47 | ·38 | ·01 | ·07 | – | ·005 | ·01 | – | ·005 | ·50 | | 16 |
| 17 | ·23 | – | ·19 | ·07 | ·04 | ·13 | – | ·10 | ·63 | – | – | – | | 17 |
| 18 | ·02 | ·05 | ·02 | ·05 | – | ·06 | – | – | ·04 | – | ·20 | – | | 18 |
| 19 | ·04 | ·10 | ·005 | ·03 | – | ·18 | – | ·01 | ·10 | – | ·90 | – | | 19 |
| 20 | ·34 | – | ·03 | ·10 | ·71 | ·06 | – | ·01 | ·01 | – | – | – | | 20 |
| 21 | ·07 | ·02 | ·09 | ·03 | ·21 | – | ·47 | – | – | – | – | ·20 | | 21 |
| 22 | ·04 | – | ·20 | ·02 | ·03 | – | – | – | – | ·10 | ·01 | – | | 22 |
| 23 | ·27 | – | – | ·04 | ·28 | – | ·27 | – | – | ·82 | ·02 | – | | 23 |
| 24 | ·21 | ·07 | ·01 | – | ·02 | – | ·06 | – | – | ·20 | – | – | | 24 |
| 25 | ·12 | ·52 | – | – | ·03 | – | – | – | ·10 | ·30 | – | ·01 | | 25 |
| 26 | ·07 | ·27 | – | – | ·41 | – | – | – | ·01 | ·005 | ·01 | ·10 | | 26 |
| 27 | ·01 | ·63 | ·18 | ·11 | – | – | – | – | – | ·30 | ~~·005~~ | ·01 | | 27 |
| 28 | ·23 | ·34 | ·02 | – | – | ·005 | – | – | – | ·10 | – | – | | 28 |
| 29 | ·35 | – | – | – | – | – | – | – | – | ·20 | ·03 | ·02 | | 29 |
| 30 | ·30 | × | – | – | – | ·05 | – | ·20 | – | ·01 | ·005 | ·06 | | 30 |
| 31 | ·59 | × | – | × | ·05 | × | – | ·01 | × | ·20 | × | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·75 | 4·09 | 4·49 | 2·76 | 2·58 | 1·22 | 2·76 | 1·57 | 1·64 | 2·28 | 1·69 | 4·47 | 33·30 | |
| * Days with .01 in. or more. | 24 | 21 | 22 | 20 | 19 | 15 | 10 | 11 | 16 | 11 | 11 | 22 | 202 | |
| * Days with .04 in. or more. | 19 | 16 | 14 | 16 | 12 | 12 | 9 | 8 | 9 | 9 | 5 | 19 | 148 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ............................................................ [P.T.O.

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations — Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Copy by B.R.O.

Annual total corrected for arithmetic

Kept at Staindrop Raby Castle

in the County of Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 450 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·06 | ·30 | | | | 1·47 | ·44 | – | ·005 | ·005 | ·20 | ·18 | | 1 |
| 2 | ·11 | | | ·04 | ·005 | ·07 | ·06 | – | ·03 | ·55 | ·12 | – | | 2 |
| 3 | ·04 | | | | | | ·04 | – | ·04 | 1·07 | ·10 | – | | 3 |
| 4 | | | | | | | ·04 | – | – | ·30 | – | ·32 | | 4 |
| 5 | ·10 | ·01 | | | | | ·08 | ·42 | ·01 | ·13 | – | ·06 | | 5 |
| 6 | | | ·08 | | | ·20 | ·07 | – | ·02 | ·03 | – | ·03 | | 6 |
| 7 | ·10 | | | | | | ·65 | – | ·32 | ·22 | – | – | | 7 |
| 8 | ·20 | | | | | | ·20 | ·12 | – | ·98 | ·01 | ·25 | | 8 |
| 9 | ·02 | ·26 | ·01 | | ·04 | ·05 | ·05 | ·005 | – | ·01 | – | ·35 | | 9 |
| 10 | ·02 | | | | | ·03 | ·03 | – | – | ·03 | – | ·07 | | 10 |
| 11 | ·45 | | | | | ·03 | ·01 | – | – | ·04 | ·08 | ·11 | | 11 |
| 12 | ·20 | ·03 | | | ·11 | | – | ·20 | – | ·22 | ·23 | ·005 | | 12 |
| 13 | ·05 | ~~·005~~ ·01 | | | ·03 | | – | – | ·25 | ·01 | ·30 | ·13 | | 13 |
| 14 | ·31 | ·12 | | | ·07 | | – | – | – | – | – | ·08 | | 14 |
| 15 | ·24 | ·03 | ·01 | | ·005 | | ·11 | ·08 | – | ·03 | – | ·38 | | 15 |
| 16 | ·23 | | ·01 | | ·53 | | ·41 | ·09 | ·08 | – | ·05 | ·20 | | 16 |
| 17 | | ·01 | | | ·60 | | ·02 | ·005 | – | ·37 | – | ·03 | | 17 |
| 18 | ·04 | ·03 | | | ·13 | ·18 | – | – | ·10 | ·14 | ·24 | ·04 | | 18 |
| 19 | | ~~·005~~ | ·06 | | | | – | ·19 | ·04 | – | ·10 | ·56 | | 19 |
| 20 | ·01 | | ·03 | | | ·005 | – | ·07 | ·08 | – | ·04 | ·38 | | 20 |
| 21 | | | ·10 | | | | – | ·02 | – | – | – | ·12 | | 21 |
| 22 | | ·02 | ·005 | ·01 | | ·11 | – | – | ·005 | – | ·24 | ·28 | | 22 |
| 23 | | | ·01 | | ·14 | ·12 | – | – | ·04 | ·01 | ·25 | ·25 | | 23 |
| 24 | ·08 | | ·01 | ·005 | ·05 | | ·08 | ·38 | ·20 | ·06 | ·04 | ·10 | | 24 |
| 25 | ·10 | | ·06 | | | | ·28 | ·03 | – | ·61 | ·25 | ·13 | | 25 |
| 26 | | ·43 | ·04 | | ·01 | ·01 | ·02 | – | ·02 | ·08 | – | – | | 26 |
| 27 | ·13 | ·02 | | ·03 | ·31 | ·22 | ·17 | ·24 | ·02 | ·04 | ·07 | – | | 27 |
| 28 | ·30 | ·01 | ·005 | | ·80 | ·33 | – | – | – | – | – | ·06 | | 28 |
| 29 | ·03 | | ·005 | ·02 | ·50 | ·005 | – | ·005 | ·02 | – | ·19 | ·02 | | 29 |
| 30 | ·10 | ✕ | | | ·14 | | – | ·31 | ·38 | ·01 | ·17 | ·03 | | 30 |
| 31 | ·30 | ✕ | ·01 | ✕ | ·20 | ✕ | – | ·20 | ✕ | ·06 | ✕ | ·93 | | 31 |
| TOTAL | 3·22 | 1·28 | ·44 | ·10 | 3·67 | 2·83 | 2·76 | 2·37 | 1·66 | 5·03 | 2·68 | 5·09 | Year's Total 31·18 3 | |
| * Days with .01 in. or more. | 23 | ~~8~~ 13 | ~~7~~ 13 | 4 | ~~15~~ 16 | ~~12~~ 13 | 18 | 15 | 1~~6~~7 | 22 | 18 | 25 | 19~~6~~7 | |
| * Days with .04 in. or more. | 19 | 4 | 5 | 1 | 13 | 9 | 14 | 11 | 10 | 1~~5~~6 | 17 | 21 | 140 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) S. G. Driver

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations | Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Copy by B.R.O.

*Kept at* Staindrop, Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 450 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·47 | – | ·06 | – | – | – | – | – | ·04 | ·55 | ·02 | ·01 | | 1 |
| 2 | – | – | – | ·05 | – | – | ·12 | ·68 | 1·01 | ·19 | ·05 | ·06 | | 2 |
| 3 | – | – | ·03 | ·14 | – | – | – | ·33 | ·09 | ·02 | ·07 | ·09 | | 3 |
| 4 | ·22 | – | ·22 | ·17 | – | – | ·17 | ·005 | ·30 | 09 | ·16 | ·10 | | 4 |
| 5 | – | – | ·10 | – | ·05 | – | ·38 | ·36 | – | ·33 | ·40 | ·16 | | 5 |
| 6 | ·08 | – | ·05 | – | – | – | ·37 | – | – | ·01 | ·01 | – | | 6 |
| 7 | ·25 | – | ·20 | – | ·02 | – | – | – | – | ·04 | ·09 | ·03 | | 7 |
| 8 | ·26 | ·11 | ·17 | – | – | – | ·17 | – | – | – | ·11 | ·33 | | 8 |
| 9 | ·25 | ·10 | – | ·01 | – | – | ·17 | ·11 | ·02 | 1·24 | ·02 | ·10 | | 9 |
| 10 | ·16 | ·05 | ·03 | – | ·03 | – | – | ·10 | ·09 | ·02 | – | – | | 10 |
| 11 | ·52 | ·01 | ·32 | – | – | – | – | ·03 | ·02 | ·16 | ·01 | ·02 | | 11 |
| 12 | ·01 | ·14 | – | ·05 | – | ·16 | ·02 | – | ·005 | ·80 | ·01 | ·01 | | 12 |
| 13 | – | – | – | – | ·09 | ·03 | ·03 | – | ·03 | ·12 | ~~·005~~ | ·005 | | 13 |
| 14 | ·46 | – | ·08 | ·005 | ·11 | ·05 | ·82 | – | – | ·17 | ·38 | – | | 14 |
| 15 | ·32 | – | – | – | ·06 | ·60 | ·07 | – | ·01 | ·03 | ·05 | 02 | | 15 |
| 16 | ·06 | – | ·25 | ·18 | ·46 | ·31 | ·05 | – | – | – | ·06 | – | | 16 |
| 17 | ·28 | ·03 | ·04 | – | ·04 | – | ·03 | – | ·01 | – | – | – | | 17 |
| 18 | ·37 | ·01 | ·10 | – | – | ·08 | ·11 | – | ·01 | ·09 | ·64 | – | | 18 |
| 19 | ·19 | – | – | – | ·01 | ·15 | ·12 | – | ·005 | ·02 | – | 03 | | 19 |
| 20 | ·03 | – | ·03 | ·03 | – | ·21 | ·01 | ·73 | ·04 | – | – | ·01 | | 20 |
| 21 | ·20 | ·12 | – | ·15 | – | ·09 | – | 1·14 | ·05 | – | – | – | | 21 |
| 22 | ·18 | ·30 | – | ·07 | – | – | ·03 | – | ·02 | – | ·01 ~~·005~~ | – | | 22 |
| 23 | ·03 | ·18 | – | ·15 | – | ·09 | Tr | – | ·005 | – | – | – | | 23 |
| 24 | ·38 | ·01 | ·30 | ·04 | – | ·03 | – | ·04 | – | – | – | – | | 24 |
| 25 | ·16 | – | ·11 | ·01 | – | 09 | – | ·13 | – | – | ·17 | ·01 | | 25 |
| 26 | ·18 | ·09 | ·03 | – | – | ·15 | – | ·37 | – | ·45 | ·01 | – | | 26 |
| 27 | ·22 | ·14 | ·85 | – | – | ·04 | ·03 | ·20 | – | ·36 | ·10 | – | | 27 |
| 28 | – | ·25 | ·78 | – | – | ·10 | ·16 | ·005 | – | ·02 | ·30 | 02 | | 28 |
| 29 | ·03 | | ·05 | ·01 | – | ·15 | ·66 | – | – | ·79 | ·04 | – | | 29 |
| 30 | – | ✕ | – | ·01 | – | ·26 | ·09 | ·04 | – | ·11 | ·28 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·24 | ·01 | ✕ | 12 | ✕ | – | | 31 |
| TOTAL | 5·31 | 1·60 | 3·80 | 1·07 | 87 | 2·59 | 3·85 | 4·28 | 1·75 | 5·73 | 2·99 | 1·00 | Year's Total 34·84 ✓ | |
| * Days with .01 in. or more. | 24 | 14 | 20 | 14 | 9 | 17 | 21 | 14 | 7 | ~~8~~ 22 | 22 | 15 ~~9~~ | 199 | |
| * Days with .04 in. or more. | 20 | 10 | 16 | 9 | 6 | 15 | 15 | 12 | 7 | 16 | 15 | 6 | 147 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..................

[P.T.O.

COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 3517

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1[illegible]0

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Staindrop, Raby Castle

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 450 ft.

BRITISH RAINFALL ORGANIZATION.

Jan corrected for now

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | — | ·02 | — | ·01 | ·02 | — | ·005 | — | — | — | ·02 | ·05 | | 1 |
| 2 | — | — | — | ·15 | — | — | ·01 | — | — | — | ·20 | ·06 | | 2 |
| 3 | ·03 | ·08 | — | ·13 | — | — | ·01 | — | — | ·04 | — | ·005 | | 3 |
| 4 | — | ·41 | — | ·01 | — | — | ·16 | — | — | ·05 | ·10 | ·03 | | 4 |
| 5 | — | ·01 | — | — | ·10 | — | ·05 | ·005 | — | ·04 | ·05 | ·28 | | 5 |
| 6 | — | ·06 | — | — | — | — | ·02 | — | — | ·55 | ·14 | ·27 | | 6 |
| 7 | ·07 | ·38 | — | ·01 | ·07 | — | ·03 | ·02 | ·03 | ·15 | — | tr | | 7 |
| 8 | ·005 | ·01 | ·005 | tr | ·01 | — | tr | ·02 | ·005 | ·17 | — | ·08 | | 8 |
| 9 | — | — | ·06 | — | — | — | ·28 | ·01 | ·02 | ·27 | ·38 | ·02 | | 9 |
| 10 | — | — | ·13 | — | — | — | ·70 | — | — | ·005 | ·17 | ·01 | | 10 |
| 11 | — | ·05 | ·12 ✓ | — | — | ·005 | 1·12 | — | ·01 | — | ·35 | — | | 11 |
| 12 | — | ·02 | ·85 | — | — | tr | ·05 | — | ·15 | tr | ·005 | — | | 12 |
| 13 | — | ·11 | ·16 | — | — | — | ·05 | — | ·06 | — | ·03 | — | | 13 |
| 14 | — | ·09 | ·03 | ·11 | — | — | ·27 | — | — | ·005 | — | ·16 | | 14 |
| 15 | — | — | ·03 | ·25 | ·26 | ·01 | — | — | — | ·05 | ·10 | ·03 | | 15 |
| 16 | (·14) ·24 | — | — | — | — | ·01 | ·08 | — | ·64 | ·33 | ·10 | — | | 16 |
| 17 | — | — | ·25 | — | — | — | 1·18 | — | ·10 | ·10 | ·80 | ·01 | | 17 |
| 18 | — | ·09 | ·11 | ·39 | — | — | ·01 | ·05 | ·14 | — | ·73 | ·02 | | 18 |
| 19 | ·09 | ·06 | ·03 | ·05 | — | — | ·31 | ·01 | ·005 | ·04 | ·21 | ·05 | | 19 |
| 20 | — | ·05 | ·02 | ·12 | — | — | ·19 | ·19 | ·18 | ·05 | ·08 | ·005 | | 20 |
| 21 | (·09) ·39 | — | ·02 | ·03 | — | ·30 | ·01 | ·01 | — | ·10 | ·22 | — | | 21 |
| 22 | ·03 | ·02 | ·05 | ·005 | ·16 | ·28 | ·12 | — | ·02 | ·50 | ·06 | — | | 22 |
| 23 | — | ·04 | ·05 | ·15 | ·005 | — | ·06 | ·04 | ·07 | ·05 | ·08 | ·01 | | 23 |
| 24 | ·09 | ·03 | — | ·07 | ·10 | — | tr | — | tr | ·10 | ·02 | ·10 | | 24 |
| 25 | tr | — | — | — | ·05 | ·02 | ·06 | ·05 | — | ·10 | ·005 | ·03 | | 25 |
| 26 | (·41) N | ·05 | ·03 | ·01 | ·14 | tr | ·41 | — | — | tr | ·01 | — | | 26 |
| 27 | ·36 | ·19 | tr | ·30 | — | — | ·05 | tr | — | ·05 | — | — | | 27 |
| 28 | ·24 | ·48 | — | ·02 | ·28 | — | — | — | — | tr | — | — | | 28 |
| 29 | ·005 | — | ·42 | ·01 | ·09 | ·01 | ·005 | — | — | — | — | ·01 | | 29 |
| 30 | ·04 | ✕ | tr | tr | ·005 | — | tr | — | — | ·60 | — | ·65 | | 30 |
| 31 | (·30) ·50 | ✕ | ·08 | ✕ | ·01 | ✕ | — | — | ✕ | ·22 | ✕ | ·25 | | 31 |
| TOTAL | 2·00 | 2·25 | 2·44 | 1·825 | 1·30 | ·63 | 5·24 | ·40 | 1·43 | 3·57 | 3·86 | 2·13 | Year's Total 27·07 | |
| * Days with ·01 in. or more. | 13 | 20 | 17 | 17 | 1~~2~~3 | 6 | 23 | 9 | 12 | 21 | 21 | 19 | 191 | |
| * Days with ·04 in. or more. | 10 | 14 | 8 11 | 10 | 9 | 2 | 17 | 4 | 7 | 20 | 16 | 10 | 130 | |

1·355

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. G. Drurier

Lord Barnard

[P.T.O.

Section **A** for the entry c
AIR MINIST
FORM 1090
REG
Kept at Billingham R
in the County of Durha
Diameter of Funnel of Gauge.....
Height of top of Gauge above G
(approx.) ,, Ground ,, S
THE MORNING MEASU
*An observer who does not conform*
*year in the space on the right of*
P

3517/5

BILLINGHAM R.C. SCHOOL
1937

780701

tation No. 3517/5
L ORGANIZATION
Y
7
DAY
*following*

Jan. 1, following

| Date | Jan. | Feb. | Mar. | | | | | | | | | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | | in. | † | |
| 1 | | | | | TR. | ·03 | TR. | – | ·15 | TR. | TR. | ·32 | | 1 |
| 2 | | | | | 0 | ·07 | TR. | – | – | TR. | TR. | ·18 | | 2 |
| 3 | | | | | TR. | ·17 | ·06 | ·12 | – | – | – | ·11 | | 3 |
| 4 | | | | | ·02 | TR. | ·02 | ·02 | ·01 | – | – | ·04 | | 4 |
| 5 | | | | | ·04 | – | ·02 | – | ·04 | TR. | – | ·22 | | 5 |
| 6 | | | | | ·13 | TR. | – | ·17 | – | TR. | ·13 | ·18 | | 6 |
| 7 | | | | | ·02 | ·02 | ·01 | – | – | TR. | TR. | ·20 | | 7 |
| 8 | | | | | ·01 | ·01 | ·07 | ·03 | – | TR. | ·11 | ·28 | | 8 |
| 9 | | | | | ·02 | – | ·14 | ·01 | – | – | ·21 | ·26 | | 9 |
| 10 | | | | | ·25 | ·12 | ·07 | – | ·02 | TR. | ·25 | ·03 | | 10 |
| 11 | | | | | ·20 | – | – | – | ·02 | TR. | ·01 | ·50 | | 11 |
| 12 | | | | | ·02 | ·07 | TR. | ·10 | ·18 | TR. | TR. | ·12 | | 12 |
| 13 | | | | | ·10 | ·08 | – | – | ·06 | TR. | TR. | ·04 | | 13 |
| 14 | | | | | ·01 | ·45 | – | ·68 | ·01 | – | TR. | ·25 | | 14 |
| 15 | | | | | TR. | TR. | ·01 | ·03 | ·03 | – | | ·12 | | 15 |
| 16 | | | | | TR. | ·16 | – | ·02 | TR. | – | – | ·47 | | 16 |
| 17 | | | | | TR. | ·02 | – | ·01 | ·75 | TR. | – | ·12 | | 17 |
| 18 | | | | | – | ·12 | ·05 | ·05 | ·05 | ·01 | ·34 | TR. | | 18 |
| 19 | | | | | – | ·01 | TR. | ·02 | ·04 | TR. | ·78 | – | | 19 |
| 20 | | | | | 1·00 | – | ·02 | – | TR. | TR. | TR. | TR. | | 20 |
| 21 | | | | | ·08 | TR. | ·25 | – | – | ·01 | TR. | ·01 | | 21 |
| 22 | | | | | ·01 | – | – | – | – | ·14 | ·05 | ·03 | | 22 |
| 23 | | | | | ·40 | ·03 | ·13 | – | – | ·61 | ·16 | TR. | | 23 |
| 24 | | | | | ·01 | – | ·25 | – | ·05 | ·05 | ·01 | TR. | | 24 |
| 25 | | | | | TR. | – | ·01 | ·06 | TR. | ·09 | TR | TR. | | 25 |
| 26 | | | | | ·34 | – | – | – | TR. | TR. | – | TR. | | 26 |
| 27 | | | | | – | – | ·03 | – | TR. | ·15 | – | ·01 | | 27 |
| 28 | | | | | TR. | – | – | – | TR. | ·09 | – | ·01 | | 28 |
| 29 | | | | | – | ·03 | – | – | – | ·02 | ·03 | ·09 | | 29 |
| 30 | | ✕ | | | – | ·07 | – | – | TR. | } ·22 | ·17 | ·05 | | 30 |
| 31 | | ✕ | | ✕ | TR. | ✕ | – | ·01 | ✕ | | ✕ | ·01 | inp | 31 |
| TOTAL | | | | | 2·66 | 1·46 | 1·14 | 1·33 | 1·41 | 1·39 | 2·25 | 3·65 | Year's Total<br>~~15·29~~ | |
| * Days with ·01 in. or more. | | | | | 17 | 16 | 15 | 14 | 13 | 11 | 12 | 24 | ~~122~~ | |
| * Days with ·04 in. or more. | | | | | 9 | 9 | 8 | 6 | 8 | 8 | 9 | 18 | ~~75~~ | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) L. S. Diamond [P.T.O.

H

Section **A** for the entry

Station No. 3517/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

637827/37

*Kept at* Billingham R.C. School

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground – ft. 9 in.

(Approx.) ,, Ground ,, Sea Level 50 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | Tr. | ·03 | Tr. | – | ·15 | Tr. | Tr. | ·32 | | 1 |
| 2 | | | | | 0 | ·04 | Tr. | – | – | Tr. | Tr. | ·18 | | 2 |
| 3 | | | | | Tr. | ·14 | ·06 | ·12 | – | – | – | ·11 | | 3 |
| 4 | | | | | ·02 | Tr. | ·02 | ·02 | ·01 | – | – | ·04 | | 4 |
| 5 | | | | | ·04 | – | ·02 | – | ·04 | Tr. | – | ·22 | | 5 |
| 6 | | | | | ·13 | Tr. | – | ·14 | – | Tr. | ·13 | ·18 | | 6 |
| 7 | | | | | ·02 | ·02 | ·01 | – | – | Tr. | Tr. | ·20 | | 7 |
| 8 | | | | | ·01 | ·01 | ·04 | ·03 | – | Tr. | ·11 | ·28 | | 8 |
| 9 | | | | | ·02 | – | ·14 | ·01 | – | – | ·21 | ·26 | | 9 |
| 10 | | | | | ·25 | ·12 | ·04 | – | ·02 | Tr. | ·25 | ·03 | | 10 |
| 11 | | | | | ·20 | – | – | – | ·02 | Tr. | ·01 | ·50 | | 11 |
| 12 | | | | | ·02 | ·04 | Tr. | ·10 | ·18 | Tr. | Tr. | ·12 | | 12 |
| 13 | | | | | ·10 | ·08 | – | – | ·06 | Tr. | Tr. | ·04 | | 13 |
| 14 | | | | | ·01 | ·45 | – | ·68 | ·01 | – | Tr. | ·25 | | 14 |
| 15 | | | | | Tr. | Tr. | ·01 | ·03 | ·03 | – | | ·12 | | 15 |
| 16 | | | | | Tr. | ·16 | – | ·02 | Tr. | – | – | ·47 | | 16 |
| 17 | | | | | Tr. | ·02 | – | ·01 | ·45 | Tr. | – | ·12 | | 17 |
| 18 | | | | | – | ·12 | ·05 | ·05 | ·05 | ·01 | ·34 | Tr. | | 18 |
| 19 | | | | | – | ·01 | Tr. | ·02 | ·04 | Tr. | ·48 | – | | 19 |
| 20 | | | | | 1·00 | – | ·02 | – | Tr. | Tr. | Tr. | Tr. | | 20 |
| 21 | | | | | ·08 | Tr. | ·25 | – | – | ·01 | Tr. | ·01 | | 21 |
| 22 | | | | | ·01 | – | – | – | – | ·14 | ·05 | ·03 | | 22 |
| 23 | | | | | ·40 | ·03 | ·13 | – | – | ·61 | ·16 | Tr. | | 23 |
| 24 | | | | | ·01 | – | ·25 | – | ·05 | ·05 | ·01 | Tr. | | 24 |
| 25 | | | | | Tr. | – | ·01 | ·06 | Tr. | ·09 | Tr. | Tr. | | 25 |
| 26 | | | | | ·34 | – | – | – | Tr. | Tr. | – | Tr. | | 26 |
| 27 | | | | | – | – | ·03 | – | Tr. | ·15 | – | ·01 | | 27 |
| 28 | | | | | Tr. | – | – | – | Tr. | ·09 | – | ·01 | | 28 |
| 29 | | | | | – | ·03 | – | – | – | ·02 | ·03 | ·09 | | 29 |
| 30 | | ✕ | | | – | ·04 | – | – | Tr. | ·22 | ·14 | ·05 | | 30 |
| 31 | | ✕ | | ✕ | Tr. | ✕ | – | ·01 | ✕ | | ✕ | ·01 | imp | 31 |
| TOTAL | | | | | 2·66 | 1·46 | 1·14 | 1·33 | 1·41 | 1·39 | 2·25 | 3·65 | Year's Total ~~15·29~~ | |
| * Days with .01 in. or more. | | | | | 14 | 16 | 15 | 14 | 13 | 11 | 12 | 24 | ~~122~~ | |
| * Days with .04 in. or more. | | | | | 9 | 9 | 8 | 6 | 8 | 8 | 9 | 18 | ~~75~~ | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) L. S. Diamond

H

[P.T.O.

3518

Section **A** for the entry of

AIR MINISTRY

PY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

# REGIST

3518

STILLINGTON PARK

1931 — 40

280701

*Kept at* Carlton Inn Work

*in the County of* D

518.

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to*

*year in the space on the right of thi*

*owing*

Jan. 1, following

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | tr | – | ·25 | trace | – | trace | ·02 | trace | ·03 | trace | trace | – | 1 |
| 2 | tr | ·10 | – | ·59 | – | ·68 | trace | | ·62 | trace | trace | ·36 | 2 |
| 3 | ·04 | trace | trace | ·09 | | ·04 | ·10 | – | ·86 | – | ·21 | ·01 | 3 |
| 4 | | ·06 | – | ·01 | – | – | ·11 | trace | 1·80 | | ·03 | ·03 | 4 |
| 5 | – | ·03 | – | | ·06 | | | ·12 | ·09 | – | – | ·21 | 5 |
| 6 | – | ·02 | ·12 | – | trace | ·91 | ·75 | ·03 | | ·10 | – | | 6 |
| 7 | – | ·03 | ·08 | – | trace | | – | ·14 | trace | ·06 | ·38 | – | 7 |
| 8 | ·05 | | | ·06 | ·08 | ·07 | ·56 | ·30 | trace | trace | | – | 8 |
| 9 | ·01 | ·06 | ·60 | ·08 | ·07 | ·07 | ·07 | | – | – | ·29 | ·03 | 9 |
| 10 | ·03 | ·03 | ·11 | – | | ·09 | ·01 | trace | – | – | ·11 | – | 10 |
| 11 | | ·18 | trace | ·01 | trace | ·01 | 1·28 | trace | trace | | – | – | 11 |
| 12 | ·12 | trace | – | | – | ·01 | | ·22 | trace | ·18 | – | – | 12 |
| 13 | ·03 | – | ·21 | – | ·02 | ·54 | ·37 | ·01 | | – | – | | 13 |
| 14 | ·06 | ·12 | trace | ·18 | trace | | ·36 | ·66 | – | – | ·17 | ·02 | 14 |
| 15 | trace | | | trace | ·19 | trace | trace | ·26 | trace | – | | – | 15 |
| 16 | ·02 | ·28 | – | ·07 | trace | ·06 | ·03 | | ·23 | – | – | – | 16 |
| 17 | ·12 | ·16 | – | ·58 | | ·07 | ·07 | ·03 | – | ·03 | – | – | 17 |
| 18 | | ·07 | – | ·36 | – | ·25 | ·11 | – | – | | ·38 | – | 18 |
| 19 | ·02 | ·05 | – | | trace | ·03 | | ·88 | ·06 | ·04 | – | trace | 19 |
| 20 | trace | ·03 | trace | ·06 | trace | ·01 | trace | – | | – | ·03 | | 20 |
| 21 | ·02 | ·03 | trace | ·02 | trace | | trace | ·03 | ·04 | – | ·05 | – | 21 |
| 22 | ·10 | | | ·15 | ·16 | trace | trace | – | ·01 | – | | – | 22 |
| 23 | ·23 | – | – | ·06 | ·46 | ·24 | ·07 | | ·02 | – | ·08 | – | 23 |
| 24 | tr | – | – | ·14 | | ·05 | ·23 | ·04 | ·04 | ·16 | [illegible] | – | 24 |
| 25 | | trace | – | ·10 | trace | – | ·07 | – | – | | ·03 | – | 25 |
| 26 | – | – | trace | | – | – | | – | – | – | ·31 | ·03 | 26 |
| 27 | ·05 | – | trace | ·12 | – | – | ·01 | – | | ·03 | ·10 | | 27 |
| 28 | ·18 | – | ·02 | ·19 | ·45 | | trace | – | trace | – | trace | trace | 28 |
| 29 | ·37 | × | | – | ·07 | – | ·55 | – | – | ·46 | | ·45 | 29 |
| 30 | ·08 | × | – | – | ·87 | – | ·18 | | – | – | trace | – | 30 |
| 31 | ·09 | × | – | × | | × | ·03 | – | × | ·07 | × | – | 31 |
| TOTAL | 1·62 | 1·25 | 1·39 | 2·87 | 2·43 | 3·13 | 4·93 | 2·72 | 3·80 | 1·13 | 2·17 | 1·14 | YEAR'S TOTAL 28·58 |
| *Days with ·01 in. or more. | ~~18~~ | ~~15~~ | 7 | 18 | 10 | ~~16~~ | ~~20~~ | ~~12~~ | ~~11~~ | ~~9~~ | ~~13~~ | ~~8~~ | ~~187~~ |
| *Days with ·04 in. or more. | ~~12~~ | ~~9~~ | ~~6~~ | ~~15~~ | ~~9~~ | ~~12~~ | ~~15~~ | ~~8~~ | ~~8~~ | ~~7~~ | ~~10~~ | ~~3~~ | ~~144~~ |

40-9999

*See Instruction 2 M on other side.

(Signed) a. F. Sell.

P.T.O.

3518

Section **A** for the entry of Daily Observ PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Carlton Iron Works (Stillington)

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 140 ft.

Station No 3518

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | tr | - | ·25 | trace | - | trace | ·02 | trace | ·03 | trace | trace | - | 1 |
| 2 | tr | ·10 | - | ·59 | - | ·68 | trace | | ·62 | trace | trace | ·36 | 2 |
| 3 | ·04 | trace | trace | ·09 | | ·04 | ·10 | - | ·86 | - | ·21 | ·01 | 3 |
| 4 | | ·06 | - | ·01 | - | - | ·11 | trace | 1·80 | | ·03 | ·03 | 4 |
| 5 | - | ·03 | - | | ·06 | | | ·12 | ·09 | - | - | ·21 | 5 |
| 6 | - | ·02 | ·12 | - | trace | ·91 | ·75 | ·03 | | ·10 | - | | 6 |
| 7 | - | ·03 | ·08 | - | trace | | - | ·14 | trace | ·06 | ·38 | - | 7 |
| 8 | ·05 | | | ·06 | ·08 | ·07 | ·56 | ·30 | trace | trace | | - | 8 |
| 9 | ·01 | ·06 | ·60 | ·08 | ·07 | ·07 | ·07 | | - | - | ·29 | ·03 | 9 |
| 10 | ·03 | ·03 | ·11 | - | | ·09 | ·01 | trace | - | - | ·11 | - | 10 |
| 11 | | ·18 | trace | ·01 | trace | ·01 | 1·28 | trace | trace | | - | - | 11 |
| 12 | ·12 | trace | - | | - | ·01 | | ·22 | trace | ·18 | - | - | 12 |
| 13 | ·03 | - | ·21 | - | ·02 | ·54 | ·33 | ·01 | | - | - | | 13 |
| 14 | ·06 | ·12 | trace | ·18 | trace | | ·36 | ·66 | - | - | ·17 | ·02 | 14 |
| 15 | trace | | | trace | ·19 | trace | trace | ·26 | trace | - | | - | 15 |
| 16 | ·02 | ·28 | - | ·07 | trace | ·06 | ·03 | | ·23 | - | - | - | 16 |
| 17 | ·12 | ·16 | - | ·58 | | ·07 | ·07 | ·03 | - | ·03 | - | - | 17 |
| 18 | | ·07 | - | ·36 | - | ·25 | ·11 | - | - | | ·38 | - | 18 |
| 19 | ·02 | ·05 | - | | trace | ·03 | | ·88 | ·06 | ·04 | - | trace | 19 |
| 20 | trace | ·03 | trace | ·06 | trace | | trace | - | | - | ·03 | | 20 |
| 21 | ·02 | ·03 | trace | ·02 | trace | ·01 | trace | ·03 | ·04 | - | ·05 | - | 21 |
| 22 | ·10 | | | ·15 | ·16 | trace | trace | - | ·01 | - | | - | 22 |
| 23 | ·23 | - | - | ·06 | ·46 | ·24 | ·07 | | ·02 | - | ·08 | - | 23 |
| 24 | tr | - | - | ·14 | | ·05 | ·23 | ·04 | ·04 | ·16 | - | - | 24 |
| 25 | | trace | - | ·10 | trace | - | ·07 | - | - | | ·03 | - | 25 |
| 26 | - | - | trace | | - | - | | - | - | - | ·31 | ·03 | 26 |
| 27 | ·05 | - | trace | ·12 | - | - | ·01 | - | | ·03 | ·10 | | 27 |
| 28 | ·18 | - | ·02 | ·19 | ·45 | | trace | - | trace | - | trace | trace | 28 |
| 29 | ·37 | ~~×~~ | | - | ·07 | - | ·55 | - | - | ·46 | | ·45 | 29 |
| 30 | ·08 | × | - | - | ·87 | - | ·18 | | - | - | trace | - | 30 |
| 31 | ·09 | × | - | × | | × | ·03 | - | × | ·07 | × | - | 31 |
| TOTAL | 1·62 | 1·25 | 1·39 | 2·87 | 2·43 | 3·13 | 4·93 | 2·72 | 3·80 | 1·13 | 2·17 | 1·14 | YEAR'S TOTAL 28·58 |
| *Days with ·01 in. or more. | ~~18~~ | ~~15~~ | ~~7~~ | ~~18~~ | ~~10~~ | ~~16~~ | ~~20~~ | ~~12~~ | ~~11~~ | ~~9~~ | ~~13~~ | ~~8~~ | ~~157~~ |
| *Days with ·04 in. or more. | ~~12~~ | ~~9~~ | ~~6~~ | ~~15~~ | ~~9~~ | ~~12~~ | ~~15~~ | ~~8~~ | ~~8~~ | ~~7~~ | ~~10~~ | ~~3~~ | ~~114~~ |

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*See Instruction 2 on other side.

(Signed) a. A. Bell.

P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Stillington (Stockton-on-Tees)

*in the County of* Durham

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 140 ft.

Station No. 3518

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | Trace | Nil | Nil | .05 | .15 | Nil | .06 | .02 | .22 | .21 | .01 | .02 | 1 |
| 2 | Trace | Nil | Nil | .02 | .68 | Nil | .02 | .01 | .25 | | .07 | .09 | 2 |
| 3 | | Nil | Nil | | Nil | Nil | | .10 | Nil | .02 | Nil | .06 | 3 |
| 4 | .01 | Trace | Trace | Nil | .14 | Nil | .13 | .01 | | .01 | Nil | | 4 |
| 5 | .08 | Nil | .07 | .02 | .13 | | Trace | Nil | .12 | Nil | Nil | .08 | 5 |
| 6 | .23 | Nil | | Nil | .06 | Nil | Nil | Nil | Nil | Nil | | .05 | 6 |
| 7 | Trace | | .08 | .06 | Nil | Nil | .01 | | .18 | .03 | .02 | .01 | 7 |
| 8 | Nil | .09 | .02 | .12 | | Nil | Nil | Nil | .08 | .61 | .10 | Trace | 8 |
| 9 | .49 | .13 | .03 | Nil | Trace | Nil | Nil | Nil | .01 | | Trace | .12 | 9 |
| 10 | | .14 | .05 | | .31 | Nil | | .02 | .14 | .34 | Nil | .11 | 10 |
| 11 | Trace | .18 | Nil | Trace | Nil | .15 | 1.01 | Nil | | .01 | .03 | | 11 |
| 12 | .19 | .09 | .03 | Trace | .14 | | Trace | .02 | Nil | .08 | .02 | Trace | 12 |
| 13 | .02 | .33 | | Nil | Trace | Nil | .01 | .01 | .61 | Nil | | .10 | 13 |
| 14 | .13 | | Trace | .07 | .09 | Nil | Nil | | Nil | Nil | .02 | .06 | 14 |
| 15 | .01 | Nil | Nil | Nil | | Nil | Trace | Nil | Nil | .06 | .10 | .01 | 15 |
| 16 | .25 | Nil | .02 | .01 | Trace | Nil | .03 | Nil | Nil | | .08 | .02 | 16 |
| 17 | | Nil | Nil | | Trace | Nil | | Nil | Nil | .12 | .01 | Nil | 17 |
| 18 | Nil | Nil | Nil | Trace | .04 | Nil | Trace | .01 | | Nil | .01 | | 18 |
| 19 | Nil | .01 | .20 | .08 | .07 | | Trace | Nil | .01 | .04 | Nil | Nil | 19 |
| 20 | Nil | Nil | | .02 | .28 | Nil | Trace | 1.25 | Nil | .25 | | Nil | 20 |
| 21 | Trace | | .54 | .20 | 1.19 | Nil | .15 | | Nil | .42 | .05 | Nil | 21 |
| 22 | Trace | Trace | .46 | .12 | | Nil | .13 | Nil | Nil | .07 | .17 | Nil | 22 |
| 23 | Nil | .08 | Nil | .04 | Trace | Nil | .39 | Nil | .05 | | Trace | Nil | 23 |
| 24 | | .02 | Nil | | .13 | Nil | | Trace | .06 | Nil | .01 | Nil | 24 |
| 25 | Nil | .04 | Nil | .14 | .02 | Nil | .05 | .02 | | .21 | Trace | | 25 |
| 26 | Nil | Nil | .60 | Nil | .25 | | .40 | Nil | .14 | .06 | .14 | .01 | 26 |
| 27 | Nil | Trace | | .08 | .04 | 1.16 | .39 | .14 | .02 | .30 | | .02 | 27 |
| 28 | Nil | | .05 | .09 | .32 | .01 | .11 | | Nil | .04 | .08 | Nil | 28 |
| 29 | Nil | Nil | .14 | .05 | | Nil | .41 | 1.09 | .04 | .36 | .10 | .10 | 29 |
| 30 | Nil | ✕ | .06 | Nil | Trace | .26 | .67 | .01 | .28 | | .24 | .04 | 30 |
| 31 | Nil | ✕ | Trace | ✕ | Trace | ✕ | | Nil | ✕ | .02 | ✕ | Nil | 31 |
| TOTAL | 1.41 | 1.11 | 2.35 | 1.14 | 4.04 | 1.58 | 3.97 | 2.71 | 2.21 | 3.29 | 1.29 | .93 | YEAR'S TOTAL<br>26.06 |
| *Days with ·01 in. or more. | ~~9~~ | ~~10~~ | ~~14~~ | ~~16~~ | ~~17~~ | ~~4~~ | ~~16~~ | ~~13~~ | ~~15~~ | ~~20~~ | ~~18~~ | ~~16~~ | ~~(168)~~ |
| *Days with .04 in. or more. | ~~6~~ | ~~8~~ | ~~10~~ | ~~12~~ | ~~16~~ | 3 | ~~12~~ | ~~11~~ | ~~12~~ | ~~15~~ | ~~10~~ | ~~10~~ | ~~(118)~~ |

40-9999 M

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3518.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Stillington (Stockton-on-Tees)

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

„ Ground „ Sea Level 140 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·03 | Trace | ·18 | } – | – | – | } – | – | – | Trace | ·27 | – | | 1 |
| 2 | ·10 | – | ·15 | | Trace | Trace | | – | }·01 | – | 1·04 | }·02 | | 2 |
| 3 | – | ·05 | ·26 | – | ·30 | } – | – | – | | – | ·47 | | | 3 |
| 4 | ·16 | } – | }·05 | – | ·01 | | – | – | – | – | }·09 | ·01 | | 4 |
| 5 | – | | | Trace | ·16 | – | – | – | – | – | | – | | 5 |
| 6 | – | – | – | – | }·24 | – | – | – | – | – | Trace | ·01 | | 6 |
| 7 | }·07 | ·21 | ·08 | – | | – | – | – | ·03 | }·23 | – | ·08 | | 7 |
| 8 | | Trace | – | } – | ·02 | ·01 | }·25 | – | – | | – | ·12 | | 8 |
| 9 | ·01 | ·38 | – | | – | – | | – | } – | ·18 | ·06 | }·09 | | 9 |
| 10 | – | ·04 | – | – | Trace | }·11 | ·20 | – | | ·41 | ·06 | | | 10 |
| 11 | ·02 | } – | } – | – | ·08 | | ·09 | – | – | ·02 | } – | – | | 11 |
| 12 | ·03 | | | – | ·06 | ·41 | – | }·08 | – | Trace | | Trace | | 12 |
| 13 | – | – | ·03 | – | }·21 | – | ·12 | | ·03 | ·02 | ·12 | ·04 | | 13 |
| 14 | }·46 | – | – | – | | – | ·16 | Trace | Trace | }·36 | ·19 | ·10 | | 14 |
| 15 | | – | ·02 | }·03 | ·10 | Trace | }·25 | Trace | – | | ·20 | ·20 | | 15 |
| 16 | ·41 | ·08 | ·03 | | ·09 | ·12 | | ·01 | }·04 | – | ·10 | }·01 | | 16 |
| 17 | ·13 | ·29 | ·02 | ·04 | – | }·48 | – | – | | ·03 | ·31 | | | 17 |
| 18 | ·09 | }·23 | }·74 | ·14 | – | | – | ·02 | Trace | ·01 | }·11 | ·03 | | 18 |
| 19 | – | | | ·02 | – | Trace | ·14 | } – | – | – | | – | | 19 |
| 20 | – | ·03 | – | ·04 | } – | ·08 | – | | ·21 | ·05 | ·03 | – | | 20 |
| 21 | } – | ·04 | – | – | | – | – | – | ·19 | }1·12 | ·05 | Trace | | 21 |
| 22 | | ·11 | – | }Trace | – | ·17 | } – | – | ·01 | | – | – | | 22 |
| 23 | – | ·29 | – | | ·36 | ·20 | | ·23 | }·39 | ·03 | ·06 | } – | | 23 |
| 24 | – | ·22 | – | ·24 | ·58 | }·01 | ·02 | – | | ·04 | ·05 | | | 24 |
| 25 | – | }·89 | } – | ·16 | – | | – | – | ·31 | ·43 | }·09 | ·14 | | 25 |
| 26 | – | | | ·04 | ·17 | – | – | } – | Trace | ·08 | | ·26 | | 26 |
| 27 | – | – | – | – | }Trace | – | ·08 | | ·01 | ·56 | ·03 | ·04 | | 27 |
| 28 | }·05 | – | – | – | | – | ·01 | ·02 | ·01 | }·84 | ·01 | – | | 28 |
| 29 | | × | – | }·19 | – | – | }·30 | Trace | Trace | | – | ·02 | | 29 |
| 30 | Trace | × | – | | – | – | | Trace | ·05 | ·03 | – | }·36 | | 30 |
| 31 | Trace | × | ·03 | × | – | × | – | ·06 | × | – | × | | | 31 |
| TOTAL | 1·56 | 2·83 | 1·59 | 0·90 | 2·38 | 1·58 | 1·59 | 0·42 | 1·29 | 4·44 | 3·34 | 1·53 | Year's Total<br>23·45 | |
| *Days with ·01 in. or more. | 12 | 13 | 11 | 9 | 13 | 9 | 11 | 6 | 12 | 17 | 19 | 16 | 148 | |
| *Days with ·04 in. or more. | 8 | 12 | 6 | 7 | 11 | 7 | 9 | 3 | 6 | 11 | 16 | 10 | 106 | |

40-9999

*See Instruction 2 (*f*) on other side.

D M

† Spare column, no entries required.

(*Signed*)

[P.T.O.

3518

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·18 | – | | | | | | | ·27 | | 1 |
| 2 | ·10 | | ·15 | | | | | | | | 1·04 | ·02 | 2 |
| 3 | | ·05 | ·26 | | ·30 | | | | ·01 | | ·47 | | 3 |
| 4 | ·16 | | | | ·01 | | | | | | | ·01 | 4 |
| 5 | | | ·05 | | ·16 | | | | | | ·09 | | 5 |
| 6 | | | | | | | | | | | | ·01 | 6 |
| 7 | | ·21 | ·08 | | ·24 | | | | ·03 | | | ·08 | 7 |
| 8 | ·07 | | | | ·02 | ·01 | ·25 | | | ·23 | | ·12 | 8 |
| 9 | ·01 | ·38 | | | | | | | | ·18 | ·06 | | 9 |
| 10 | | ·04 | | | | | ·20 | | | ·41 | ·06 | ·09 | 10 |
| 11 | ·02 | | | | ·08 | ·11 | ·09 | | | ·02 | | | 11 |
| 12 | ·03 | | | | ·06 | ·41 | | ·08 | | | | | 12 |
| 13 | | | ·03 | | | | ·12 | | ·03 | ·02 | ·12 | | 13 |
| 14 | | | | | ·21 | | ·16 | | | | ·19 | ·04 | 14 |
| 15 | ·46 | | ·02 | | ·10 | | | | | ·36 | ·20 | ·10 | 15 |
| 16 | ·41 | ·05 | ·03 | ·03 | ·09 | ·12 | ·25 | ·01 | | | ·10 | ·20 | 16 |
| 17 | ·13 | ·29 | ·02 | ·04 | | | | | ·04 | ·03 | ·31 | | 17 |
| 18 | ·09 | | | ·14 | | ·48 | | ·02 | | ·01 | | ·01 | 18 |
| 19 | | ·23 | ·74 | ·02 | | | ·14 | | | | ·11 | ·03 | 19 |
| 20 | | ·03 | | ·04 | | ·08 | | | ·21 | ·05 | ·03 | | 20 |
| 21 | | ·04 | | | | | | | ·19 | | ·05 | | 21 |
| 22 | | ·11 | | | | ·17 | | | ·01 | 1·12 | | | 22 |
| 23 | | ·29 | | | ·36 | ·20 | | ·23 | | ·03 | ·06 | | 23 |
| 24 | | ·22 | | ·24 | ·58 | | ·02 | | ·39 | ·04 | ·05 | | 24 |
| 25 | | | | ·16 | | ·01 | | | ·31 | ·43 | | | 25 |
| 26 | | ·89 | | ·04 | ·17 | | | | | ·08 | ·09 | ·14 | 26 |
| 27 | | | | | | | ·05 | | ·01 | ·56 | ·03 | ·26 | 27 |
| 28 | | | | | | | ·01 | ·02 | ·01 | | ·01 | ·04 | 28 |
| 29 | ·05 | | | | | | | | | ·84 | | | 29 |
| 30 | | X | | ·19 | | | ·30 | | ·05 | ·03 | | | 30 |
| 31 | | X | ·03 | X | | X | | ·06 | X | | X | ·36 | 31 |
| TOTAL | 1·56 | 2·83 | 1·59 | ·90 | 2·38 | 1·5~~8~~9 | 1·59 | ·42 | 1·29 | 4·44 | 3·34 | 1·5~~3~~1 | YEAR'S TOTAL<br>23·44 |
| *Days with ·01 in. or more. | | | | | | | | | | | | | |
| *Days with ·04 in. or more. | | | | | | | | | | | | | |

40-9999

(Signed) A. G. Bell for Messrs Dorman Long & Co. Ltd.

[P.T.O.

*See Instruction 2 (*f*) on other side.

M

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level ............ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | | | | | | | ·06 | | ·02 | | | | 1 |
| 2 | | | | | | | | ·50 | 23 | | ·23 | 42 | | 2 |
| 3 | | ·03 | | ·03 | | | | | | 45 | 21 | ·04 | | 3 |
| 4 | ·03 | | | ·08 | | | | | ·01 | | | ·63 | | 4 |
| 5 | | | ·07 | ·05 | | ·01 | | | 03 | | ·25 | ·39 | | 5 |
| 6 | | | | ·04 | 42 | ·07 | | 1·26 | ·05 | | ·01 | ·21 | | 6 |
| 7 | ·06 | 05 | | | ·08 | 32 | | | ·02 | 06 | | ·14 | | 7 |
| 8 | 01 | | | ·05 | ·07 | ·03 | | | | ·05 | ·05 | | | 8 |
| 9 | | | | ·36 | | | | ·02 | ·08 | | ·06 | ·04 | | 9 |
| 10 | | | | ·05 | | | | ·32 | | ·03 | 92 | | | 10 |
| 11 | | | ·47 | 54 | | | | | | | | | | 11 |
| 12 | ·10 | | ·43 | ·25 | | | ·11 | ·19 | | 02 | ·09 | 15 | | 12 |
| 13 | 53 | | | ·03 | | | ·32 | | | | ·04 | ·02 | | 13 |
| 14 | | | ·20 | | ·02 | | | | | ·16 | ·05 | ·17 | | 14 |
| 15 | | | ·08 | | ·11 | | 22 | ·04 | | ·18 | ·08 | | | 15 |
| 16 | ·16 | | ·06 | | ·10 | | ·20 | | | ·03 | 04 | ·10 | | 16 |
| 17 | | | | | ·02 | ·10 | ·20 | | 23 | ·02 | | 17 | | 17 |
| 18 | 06 | | ·10 | | ·13 | ·27 | ·02 | | ·02 | ·03 | | ·06 | | 18 |
| 19 | | | ·09 | ·08 | | ·05 | | | ·05 | ·04 | ·01 | ·01 | | 19 |
| 20 | ·01 | | ·22 | | ·14 | ·08 | | ·11 | | | | | | 20 |
| 21 | | | | | | ·51 | | ·01 | 17 | ·04 | | | | 21 |
| 22 | | | | ·05 | | | | ·22 | | ·03 | | | | 22 |
| 23 | | | ·08 | 16 | ·05 | | ·11 | | ·12 | ·31 | | ·13 | | 23 |
| 24 | | | | | | ·21 | | | 17 | ·21 | ·06 | | | 24 |
| 25 | | | | ·14 | | ·09 | ·01 | | ·11 | ·16 | | 47 | | 25 |
| 26 | | | | ·39 | | ·10 | | | ·02 | ·05 | | ·02 | | 26 |
| 27 | | ·42 | | ·05 | | ·11 | 02 | | | | | ·07 | | 27 |
| 28 | | | | | | | | ·16 | | ·24 | | 30 | | 28 |
| 29 | ·03 | | | ·30 | | | | ·12 | | ·24 | | | | 29 |
| 30 | | × | ·10 | | | | ·25 | | 43 | ·53 | | ·12 | | 30 |
| 31 | ·14 | × | | × | | × | | ·07 | × | | × | ·03 | | 31 |
| TOTAL | 1·13 | ·50 | 1·90 | 2·65 | 1·11 | 1·95 | 1·46 | 3·08 | 1·74 | 2·90 | 2·10 | 3·69 | Year's Total 24·21 | Small d. |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with .04 in. or more. | | | | | | | | | | | | | | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) A. G. Bell

[P. T. O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

Av. 27·1

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Examine end of year

Feb. Mar. Apr. & May agree fairly well with nearby station. Totals but not days for Nov. & Dec. appear reasonable. Other months are incorrect. Values in red computed

Av

J.C.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* * daily values not adjusted,

Jan. 1, following

*

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·48 | | ·08 | ·16 | | | ·04 | ·01 | | ·08 | ·03 | ·11 | | 1 |
| 2 | | ~~·45~~ | | ·13 | | | | | ·05 | ·03 | ·14 | | | 2 |
| 3 | | | ·10 | ·15 | | | | | ·03 | | | | | 3 |
| 4 | ·04 | | ·04 | | | ·23 | | | ·07 | ·06 | | | | 4 |
| 5 | | ~~·44~~ | | | | ·31 | ·03 | | | ·18 | ·16 | | | 5 |
| 6 | ·43 | ·02 | | | | ·17 | | | | | ·26 | | | 6 |
| 7 | ·27 | | | ·09 | | ·19 | | | | | | ·08 | | 7 |
| 8 | | | | ·07 | | ·04 | | | | | | ·03 | | 8 |
| 9 | | ·06 | | ·26 | | | | ·03 | ·27 | | | ·07 | | 9 |
| 10 | ·01 | | | | | | | | ·14 | | | | | 10 |
| 11 | | ·01 | | | | ·11 | ·06 | ·16 | | | ·12 | ·03 | | 11 |
| 12 | | | | | | ·06 | ·02 | | ·03 | | ·23 | | | 12 |
| 13 | ·20 | | | | ·04 | | | | ·06 | ·02 | ·24 | ·12 | | 13 |
| 14 | | | | ·36 | ·28 | | | ·04 | | | ·38 | ·07 | | 14 |
| 15 | | ·02 | | ·12 | ·12 | ·38 | | | | ·03 | ·21 | | | 15 |
| 16 | | ·32 | | ·11 | ·16 | | | | ·26 | | ·86 | | | 16 |
| 17 | | | ·11 | ·22 | ·09 | | | ·08 | | | | | | 17 |
| 18 | ·06 | | | | ·14 | ·17 | | | ·04 | | ·63 | | | 18 |
| 19 | ·07 | ·04 | | ·14 | | ·23 | ·04 | ·23 | | | ·09 | | | 19 |
| 20 | | ·12 | ·03 | | ·03 | | ·03 | | ·10 | ·11 | ·08 | | | 20 |
| 21 | | ·10 | | 1·12 | | | | | ·08 | ·32 | | | | 21 |
| 22 | ·02 | ·26 | | | | | | | | | | | | 22 |
| 23 | | ·85 | | | | | | | ·12 | ·21 | ·20 | | | 23 |
| 24 | | | ·21 | | | ·04 | ·02 | | ·03 | | | ·31 | | 24 |
| 25 | | ·06 | ·04 | | | | ·01 | ·12 | ·05 | | ·12 | ·09 | | 25 |
| 26 | | | | | | | | ·05 | | | | ·41 | | 26 |
| 27 | ·86 | ·05 | | | | | | | ·06 | ·22 | | | | 27 |
| 28 | ·04 | ·07 | | | | | | | ·02 | ·16 | | ·15 | | 28 |
| 29 | ·02 | | ·12 | | | ·12 | ·06 | | | | | ·32 | | 29 |
| 30 | | ✕ | | | | | ·03 | ·06 | | ·17 | ·23 | ·06 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | ·03 | ✕ | | ✕ | ·26 | d | 31 |
| TOTAL | (2·00)<br>~~2·50~~ | 2·87 | ·73 | 2·93 | ·86 | (2·50)<br>~~2·05~~ | (·50)<br>~~·34~~ | (1·50)<br>~~·81~~ | (4·50)<br>~~1·41~~ | (4·50)<br>~~1·59~~ | 3·98 | 2·11 | Year's Total<br>(28·98)<br>~~22·18~~ | |
| *Days with ·01 in. or more. | ~~15~~ | | | | | | | | | | | | | |
| *Days with ·04 in. or more. | 11 | | | | | | | | | | | | | |

two wks

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) J. V. Waring for
Dorman, Long & Co. Ltd.

[P.T.O.

COPY FOR OFFICIAL USE.

**Section A** for the entry of Daily Observations. Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Jan & Feb adjusted by surrounding stations KJ

write 7/5/37

accumulations

n.p. 1935 too many estimations

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·13 | | | | | | 13 | 21 | Tr | ·08 | – | Tr | | 1 |
| 2 | 11 | | | ·04 | | ·41 | ·11 | | — | ·21 | ·03 | — | | 2 |
| 3 | | | 07 | 03 | | 1·52 | | 34 | — | - | - | ·03 | | 3 |
| 4 | | ~~·23~~ | | | | 06 | | 28 | ·23 | - | · | — | | 4 |
| 5 | ·08 | ·44 | | | | | | 31 | — | - | · | Tr | | 5 |
| 6 | | ·38 | 03 | | | | | ·45 | ·71 | TR | TR | — | | 6 |
| 7 | | | 33 | | | | ·61 | | | ·03 | ·06 | — | | 7 |
| 8 | ·21 | | | | | | | | Tr | ·12 | - | ·06 | | 8 |
| 9 | ~~14~~ | ~~·82~~ | | | | | | | — | - | - | — | | 9 |
| 10 | ·06 | | 1·21 | | | | | | — | ·06 | ·12 | — | | 10 |
| 11 | | ·31 | | | | | ·12 | 04 | — | — | ·78 | — | | 11 |
| 12 | | 04 | | 66 | ·22 | | | ·08 | ·11 | - | ·37 | 1·08 | | 12 |
| 13 | | | ·04 | | | 16 | 31 | ·11 | — | TR | TR | | | 13 |
| 14 | | | 06 | 10 | | 43 | | | ·47 | - | ·73 | ·71 | | 14 |
| 15 | ·26 | ·63 | | ·16 | | | ·48 | | — | - | - | ·23 | | 15 |
| 16 | 42 | ·32 | ·12 | | | 18 | ·31 | | ·12 | - | ·26 | Tr | | 16 |
| 17 | 17 | | | | | | ·10 | | — | · | ·04 | — | | 17 |
| 18 | | | | | | | 07 | ·03 | — | - | TR | — | | 18 |
| 19 | | | | ·12 | | | | | — | - | - | Tr | | 19 |
| 20 | 12 | | | | ·07 | | ·08 | | — | ·04 | - | — | | 20 |
| 21 | 21 | ·24 | | | | | | | — | - | - | ·03 | | 21 |
| 22 | | ·16 | | 11 | | ·23 | | | — | ·22 | - | — | | 22 |
| 23 | | | ·02 | | | | ·21 | | — | - | - | — | | 23 |
| 24 | | ·12 | | | 1·06 | | ·44 | | ·31 | - | - | — | | 24 |
| 25 | ·32 | | | | | | | | ·24 | · | · | — | | 25 |
| 26 | ·14 | 21 | | | | | ·07 | | — | - | TR | — | | 26 |
| 27 | | | | | | | ·05 | | ·18 | TR | - | — | | 27 |
| 28 | | | | | | | ·08 | | — | - | ·08 | Tr | | 28 |
| 29 | (1·00) | | | | | ·54 | ·17 | | — | | - | — | | 29 |
| 30 | | × | | | ·04 | ·14 | ·16 | | — | ·03 | TR | — | | 30 |
| 31 | | × | ·03 | × | ·21 | × | | | × | ·42 | × | — | | 31 |
| TOTAL | 3·37 | 3·08<br>~~4·90~~ | 1·91 | 1·22 | 1·60 | 3·67 | 3·50 | 1·85 | 2·37 | 1·21 | 2·47 | 2·14 | Year's Total.<br>~~30·21~~ | (28·39) |
| * Days with .01 in. or more. | 13 | | | | | | | | | 9 | 9 | 6 | .. | |
| * Days with .04 in. or more. | 13 | | | | | | | | | 7 | 8 | 4 | .. | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) G. W. Waring, for Messrs Dorman Long & Co. Ltd

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | – | – | – | – | – | – | – | ·17 | – | – | ·33 | | 1 |
| 2 | ·03 | ·07 | – | ·12 | – | – | – | – | – | – | – | ·34 | | 2 |
| 3 | – | – | – | } ·44 | – | ·22 | } ·29 | – | – | – | ·02 | – | | 3 |
| 4 | ·08 | – | ·11 | | ·03 | – | | ·11 | ·01 | – | – | } ·17 | | 4 |
| 5 | ·05 | – | Tr | – | – | – | ·01 | – | – | – | – | | | 5 |
| 6 | – | } ·14 | } ·27 | – | – | – | – | – | – | – | – | ·41 | | 6 |
| 7 | – | – | | – | – | – | ·12 | – | – | – | – | ·29 | | 7 |
| 8 | – | ·06 | ·13 | ·03 | – | – | ·09 | – | – | ·02 | ·17 | ·31 | | 8 |
| 9 | – | ·04 | ·04 | ·04 | – | – | ·23 | – | – | – | ·43 | – | | 9 |
| 10 | – | ·29 | – | } ·37 | ·21 | – | } ·08 | – | – | – | – | ·14 | | 10 |
| 11 | – | – | ·83 | | – | – | | – | – | – | – | } ·85 | | 11 |
| 12 | – | – | ·25 | ·07 | ·16 | – | – | – | ·18 | – | ·02 | | | 12 |
| 13 | – | } ·44 | } ·03 | ·14 | – | ·13 | – | – | ·04 | – | – | ·29 | | 13 |
| 14 | – | – | | – | – | ·45 | ·01 | } ·72 | – | – | – | ·11 | | 14 |
| 15 | ·08 | ·18 | ·13 | ·17 | } ·20 | – | – | | – | – | ·01 | ·12 | | 15 |
| 16 | } ·29 | ·29 | ·11 | ·25 | | ·09 | – | – | – | – | – | ·26 | | 16 |
| 17 | – | – | ·104 | – | – | – | – | – | ·29 | – | – | – | | 17 |
| 18 | – | – | ·04 | ·09 | – | ·03 | – | – | } ·94 | ·01 | ·03 | – | | 18 |
| 19 | – | – | Tr | ·28 | – | – | ·03 | – | | – | ·91 | – | | 19 |
| 20 | ·04 | – | } ·14 | ·11 | ·80 | – | } ·28 | – | – | – | ·25 | – | | 20 |
| 21 | – | – | | – | – | – | | – | – | ·02 | – | ·13 | | 21 |
| 22 | – | – | Tr | – | } ·68 | – | – | – | – | ·17 | ·23 | ·11 | | 22 |
| 23 | } ·70 | – | ·16 | – | | – | ·13 | – | – | } ·87 | – | – | | 23 |
| 24 | – | – | Tr | – | ·05 | – | } ·19 | – | ·12 | | – | – | | 24 |
| 25 | ·07 | – | – | – | – | – | | ·07 | – | – | – | – | | 25 |
| 26 | ·02 | ·37 | ·06 | – | ·45 | – | – | – | – | – | – | ·05 | | 26 |
| 27 | ·03 | } ·75 | } ·25 | ·21 | – | – | – | – | – | ·09 | – | – | | 27 |
| 28 | ·08 | – | | – | – | – | ·02 | – | – | ·21 | – | ·04 | | 28 |
| 29 | ·04 | – | – | – | – | – | – | – | – | ·12 | – | ·23 | | 29 |
| 30 | } ·87 | ✕ | – | – | – | ·18 | – | – | – | ·10 | ·14 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | – | – | ✕ | – | ✕ | – | d | 31 |
| TOTAL | 2·38 | 2·63 | 2·65 | 2·32 | 2·58 | 1·10 | 1·48 | ·90 | 1·75 | 1·61 | 2·21 | 4·18 | Year's Total 25·79 | |
| * Days with .01 in. or more. | 13 | 10 | 15 | 13 | 8 | 6 | 12 | 3 | 7 | 9 | 10 | 17 | | |
| * Days with .04 in. or more. | 10 | 10 | 14 | 12 | 7 | 5 | 8 | 3 | 6 | 6 | 6 | 17 | | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ........................................................ [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 140 ft.

Acc ✓ w.e.k.

Copy by B.R.O. Acc

Entry on Dec 31st estd from nearby stns

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | ·06 | | | 03 | 1·63 | ·17 | — | ·04 | ·12 | ·10 | — | | 1 |
| 2 | ·17 | | | | | ·29 | — | — | ·06 | ·20 | ·11 | ·05 | | 2 |
| 3 | | | | | | | ·12 | — | ·13 | ·76 | — | — | | 3 |
| 4 | | | | | | | ·04 | — | — | ·27 | — | ·37 | | 4 |
| 5 | — | | | | | | ·60 | ·47 | — | ·10 | — | — | | 5 |
| 6 | | ·02 | | | | | ·41 | ·39 | — | — | ·02 | ·06 | | 6 |
| 7 | | | | | | | ·09 | | ·15 | ·12 | — | — | | 7 |
| 8 | | | | | | | — | — | — | ·68 | — | — | | 8 |
| 9 | ·24 | ·12 | | | 13 | | ·36 | ·02 | — | — | — | ·30 | | 9 |
| 10 | | | | | | ·05 | ·08 | — | — | — | — | | | 10 |
| 11 | ·06 | | | | | | — | — | — | — | — | ·10 | | 11 |
| 12 | ·13 | ·57 | | | 10 | ·01 | — | ·18 | — | ·43 | ·32 | — | | 12 |
| 13 | | | | | | | — | — | ·17 | — | | ·18 | | 13 |
| 14 | ·27 | | | | | | — | — | — | — | — | — | | 14 |
| 15 | | | ·01 | | | | ·33 | — | — | — | — | ·33 | | 15 |
| 16 | ·14 | ·05 | | | 66 | | ·58 | ·12 | ·24 | — | — | ·44 | | 16 |
| 17 | | | | | | | — | ·05 | — | ·32 | — | — | | 17 |
| 18 | | ·02 | | | | | — | ·02 | ·08 | — | ·30 | — | | 18 |
| 19 | | | | | 03 | | — | ·14 | ·05 | — | — | — | | 19 |
| 20 | | | | | 11 | ·02 | — | ·54 | — | ·01 | ·20 | — | | 20 |
| 21 | | | ·05 | | | | — | | — | — | — | ·71 | | 21 |
| 22 | | ·05 | | | | ·03 | — | — | — | — | ·24 | ·27 | | 22 |
| 23 | | | | | 23 | ·13 | — | — | ·05 | — | ·09 | — | | 23 |
| 24 | | | ·02 | | 04 | | — | ·62 | ·21 | ·22 | — | — | | 24 |
| 25 | ·06 | | | | 12 | | ·06 | — | — | — | ·27 | ·12 | | 25 |
| 26 | | ·71 | | | 15 | | — | — | ·04 | ·19 | — | — | | 26 |
| 27 | ·02 | ·06 | | | 14 | ·16 | ·17 | ·16 | — | ·13 | — | — | | 27 |
| 28 | ·12 | | | 07 | 120 | ·34 | — | — | — | — | — | | | 28 |
| 29 | | | | ·01 | | | ·05 | — | — | — | ·23 | ·08 | | 29 |
| 30 | ·04 | ✕ | | | ·10 | | — | — | ·33 | — | ·36 | — | | 30 |
| 31 | ·10 | ✕ | | ✕ | ·11 | ✕ | — | — | ✕ | ·13 | ✕ | (·30) | | 31 |
| TOTAL | 1·35 | 1·66 | ·08 | ·08 | 3·18 | 2·66 | 3·06 | 2·71 | 1·58 | 3·68 | 2·24 | 3·31 ~~3·01~~ | Year's Total 5 25·29 | |
| * Days with .01 in. or more. | 20 ~~21~~ | 10 | 8 | 2 | 15 ~~14~~ | 9 | 13 | 12 ~~11~~ | 12 | 14 | 12 ~~11~~ | ~~12~~ 13 | ~~132~~ | 135 |
| * Days with .04 in. or more. | 13 ~~14~~ | 8 | 1 | 1 | 13 ~~12~~ | 6 | 13 | ~~9~~ 10 | 12 | 13 | 11 ~~10~~ | 12 | 11 | 113 |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) W. Waring for Dorman, Long & Co Ltd

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3518

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ... in.

" Ground " Sea Level 140 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | – | – | – | – | – | – | – | } – | ·40 | – | – | | 1 |
| 2 | – | ·13 | ·03 | ·12 | ·03 | – | – | ~~·65~~ | } ·88 | – | ·12 | – | | 2 |
| 3 | – | – | – | ·15 | – | – | – | ·11 | – | ·12 | ·26 | – | | 3 |
| 4 | – | – | – | ·06 | – | – | ·29 | – | – | – | ·28 | ·12 | | 4 |
| 5 | – | ·13 | – | – | ·20 | – | ·10 | ·60 | – | ·14 | – | ·20 | | 5 |
| 6 | ·27 | – | – | – | – | – | ·11 | – | – | ·13 | – | – | | 6 |
| 7 | – | – | ·09 | – | ·13 | – | – | – | – | – | ·17 | ·32 | | 7 |
| 8 | – | – | – | – | – | – | } | – | – | – | – | ·17 | | 8 |
| 9 | ·16 | – | – | – | – | – | } ·31 | ·11 | – | – | – | – | | 9 |
| 10 | ·63 | – | ·03 | – | – | } ·41 | – | ·11 | ·08 | – | – | – | | 10 |
| 11 | – | – | ·32 | ·02 | – | } | – | – | – | – | ·09 | – | | 11 |
| 12 | ·06 | ·12 | – | – | – | – | – | – | – | 2·55 | ·08 | ·05 | | 12 |
| 13 | – | – | – | ·06 | } ·20 | – | ·10 | – | – | ·09 | – | – | | 13 |
| 14 | ·43 | – | – | – | } – | ·63 | – | – | ·15 | ·26 | ·42 | ·01 | | 14 |
| 15 | ·17 | – | – | ·27 | – | ·29 | } | – | – | ·09 | – | – | | 15 |
| 16 | – | – | ·15 | – | ·71 | – | } ·50 | – | – | – | – | – | | 16 |
| 17 | ·38 | – | – | – | – | – | ·17 | – | – | – | – | – | | 17 |
| 18 | ·11 | – | – | – | – | 1·07 | ·14 | – | – | ·09 | ·71 | – | | 18 |
| 19 | ·17 | – | – | ·05 | ·01 | ·21 | – | – | – | – | – | – | | 19 |
| 20 | – | – | – | – | ·04 | – | – | 1·26 | ·07 | – | – | ·06 | | 20 |
| 21 | ·11 | – | ·08 | – | – | – | – | – | – | | – | – | | 21 |
| 22 | ·17 | ·27 | – | } ·49 | – | – | – | – | – | | ·02 | – | | 22 |
| 23 | – | – | ·05 | } | – | ·09 | – | – | – | | – | – | | 23 |
| 24 | – | – | ·09 | ·26 | ·13 | – | – | – | – | | – | – | | 24 |
| 25 | ·38 | – | } – | – | – | – | – | ·16 | ·03 | | – | – | | 25 |
| 26 | ·11 | – | } ·09 | – | ·02 | – | – | – | – | ·27 | ·07 | – | | 26 |
| 27 | ·08 | ·33 | ·80 | – | – | – | – | – | – | ·64 | – | – | | 27 |
| 28 | } ·13 | ·07 | ·62 | ·17 | – | ·20 | ·14 | ·02 | – | ·20 | ·23 | ·03 | | 28 |
| 29 | } – | / | – | ·03 | – | – | } | – | – | } | – | – | | 29 |
| 30 | – | ✕ | – | – | – | ·11 | } ·49 | – | – | } ·62 | ·10 | – | | 30 |
| 31 | – | ✕ | – | ✕ | – | ✕ | ·13 | ·04 | ✕ | ·14 | ✕ | – | | 31 |
| TOTAL | 3·36 | 1·05 | 2·35 | 1·68 | 1·47 | 3·01 | 2·48 | 3·06 | 1·21 | 5·74 | 2·55 | ·96 | Year's Total 28·92 | |
| * Days with .01 in. or more. | ~~15~~ | ~~6~~ | ~~11~~ | ~~11~~ 13 | ~~9~~ 10 | ~~8~~ 9 | ~~N11~~ | ~~9~~ | ~~5~~ | ~~14~~ | ~~12~~ | ~~8~~ | ~~126~~ | |
| * Days with .04 in. or more. | 15 | 6 | 9 | 9 11 | 6 7 | 8 | N14 | 8 | 4 | 14 | 11 | 6 | 113 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..............................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3518 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Stillington Park

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 140 ft.

BRITISH RAINFALL ORGANIZATION.

Jan + Feb apportioned & Jan part est. for snow.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 |  |  |  | - | - | - | - | / | - | - | - | - |  | 1 |
| 2 |  |  |  | ·14 | - | - | - | / | - | - | - | - |  | 2 |
| 3 |  |  |  | - | - | - | - | / | - | - | - | ·15 |  | 3 |
| 4 |  |  |  | - | - | - | - | / | - | - | - | - |  | 4 |
| 5 |  |  |  | - | ·23 | - | ·26 | / | - | - | - | - |  | 5 |
| 6 |  |  |  | ·02 | - | - | - | / | - | ·74 | ·28 | ·32 |  | 6 |
| 7 | x ·32 |  |  | - | - | - | - | / | - | ·11 | - | - |  | 7 |
| 8 | 4 | ~~1~~83 |  | - | - | - | - | ·11 | - | - | - | - |  | 8 |
| 9 |  |  | ·29 | - | - | - | - | / | - | - | ·52 | ·19 |  | 9 |
| 10 | ·05 |  |  | - | - | ·25 | 1·01 | ✓ | - | - | - | - |  | 10 |
| 11 |  |  |  | - | - | - | - | / | - | - | ·19 | - |  | 11 |
| 12 |  |  | ·62 | - | - | - | - | ✓ | - | - | - | - |  | 12 |
| 13 |  | ·37 | ·12 | - | - | ·11 | - | ✓ | - | - | - | - |  | 13 |
| 14 |  |  | ·03 | 05 | - | - | ·36 | ✓ | - | - | - | ·24 |  | 14 |
| 15 |  |  |  | - | ·23 | - | - | / | - | - | - | - |  | 15 |
| 16 | ·03 |  |  | - | - | - | ·47 | / | - | - | - | - |  | 16 |
| 17 |  |  | ·25 | ·92 | - | ·06 | 1·84 | / | ·7 | ·45 | ·75 | - |  | 17 |
| 18 |  |  | ·10 |  | - | - | ·29 | ·40 | - | - | ·40 | - |  | 18 |
| 19 |  | ·18 |  | - | - | - | - | / | - | - | - | - |  | 19 |
| 20 |  |  |  | ·09 | - | - | ·16 | ·52 | - | - | ·28 | - |  | 20 |
| 21 |  |  | ·16 | - | - | - | - | / | - | - | ·46 | - |  | 21 |
| 22 |  |  |  | - | ·25 | ·31 | - | / | - | - | - | - |  | 22 |
| 23 | ·04 |  |  | ·16 | - | - | ·12 | / | - | ·58 | - | - |  | 23 |
| 24 |  |  |  | 06 | - | - | - | / | - | - | - | ·26 |  | 24 |
| 25 | 4 |  |  | - | - | - | - | / | - | - | - | - |  | 25 |
| 26 |  |  |  | ·20 | - | - | - | / | - | - | - | - |  | 26 |
| 27 | x |  |  | - | ·16 | - | - | / | - | - | - | - |  | 27 |
| 28 |  | ·82 |  | - | ·18 | - | - | / | - | - | - | - |  | 28 |
| 29 | ✓ |  | ·28 | - | - | - | - | / | - | - | - | - |  | 29 |
| 30 | ✓ | ✕ |  | - | - | - | - | / | - | ·52 | - | 95 |  | 30 |
| 31 | x 1·30 | ✕ | ·11 | ✕ | - | ✕ | - | / | ✕ | ·31 | ✕ | - |  | 31 |
| TOTAL | (1·74) | 2·20 ~~3·20~~ | 1·96 | 1·64 | 1·05 | ·73 | 4·51 | 1·03 | ·7 | 2·71 | 2·88 | 2·11 | Year's Total ~~23·48~~ | 23·26 |
| * Days with .01 in. or more. | 10 | 4 | 9 | 8 | 5 | 4 | 8 | 3 | 1 | 6 | 7 | [illegible] | ~~71~~ | "d" |
| * Days with .04 in. or more. | 7 | 4 | 8 | 7 | 5 | 4 | 8 | 3 | 1 | 6 | 7 | 6 | ~~66~~ |  |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. W. Waring

Messrs. Dorman & Long

[P.T.O.

322

**Section** **A** for the entry of

AIR MINISTRY

FORM 1090.

# REGIST

3519

EGGLESTONE HOUSE

1931 — 33

FOR OFFICIAL USE.

ORGANIZATION.

3519

*Kept at* Eggleston

*in the County of* Durha

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*

*year in the space on the right of thi*

adjusted by comparison with

9/32.

*lowing*

Jan. 1, following

280701

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·01 | ·42 | ·10 | ·01 | ·01 | | ·17 | ·10 | | | 1 |
| 2 | | ·08 | ·03 | ·50 | | ·45 | ·02 | | ·98 | 10 | ·10 | ·30 | 2 |
| 3 | | ·01 | | | | ·28 | ·10 | | 1·03 | ·02 | ·70 | ·40 | 3 |
| 4 | | ·09 | | ·15 | | ·01 | | | ·60 | ·03 | ·10 | ·20 | 4 |
| 5 | | ·02 | | | ·11 | ·48 | 03 | ·43 | ·05 | | ·02 | ·22 | 5 |
| 6 | | 10 | ·40 | | ·02 | ·41 | 1·18 | ·62 | ·04 | ·02 | ·10 | ·15 | 6 |
| 7 | | ·01 | 32 | | | 23 | ·53 | ·53 | | ·02 | ·20 | ·10 | 7 |
| 8 | | 05 | ·30 | | ·10 | ·01 | ·29 | ·21 | | ·30 | ·15 | | 8 |
| 9 | | ·32 | ·10 | ·05 | 13 | ·29 | ·08 | ·36 | | ·15 | ·20 | ·01 | 9 |
| 10 | ·02 | ·10 | ·05 | | 05 | ·20 | ·06 | ·09 | | ·01 | ·15 | ·10 | 10 |
| 11 | ·09 | ·41 | 05 | | | ·09 | ·17 | | ·04 | | ·10 | | 11 |
| 12 | ·10 | 05 | ·01 | 01 | | ·32 | 14 | | | ·25 | ·02 | | 12 |
| 13 | ·01 | | ·11 | | ·05 | 19 | ·04 | ·13 | ·01 | | ·01 | | 13 |
| 14 | ·04 | 05 | | | ·05 | 54 | ·30 | ·28 | ·005 | | ·30 | ·02 | 14 |
| 15 | ·18 | ·11 | | 15 | ·05 | ·07 | ·27 | ·25 | | | | | 15 |
| 16 | ·07 | ·15 | | | ·30 | | ·13 | ·42 | ·10 | | ·01 | | 16 |
| 17 | ·23 | 23 | | ·71 | | ·08 | ·07 | ·21 | ·01 | ·05 | ·10 | | 17 |
| 18 | ·19 | ·05 | | ·37 | | ·22 | ·13 | ·52 | ·01 | ·04 | ·70 | | 18 |
| 19 | ·02 | ·10 | 02 | ·02 | | ·13 | ·02 | ·28 | ·10 | ·04 | ·04 | ·05 | 19 |
| 20 | ·01 | ·05 | ·20 | ·02 | | | | ·05 | ·01 | | ·10 | ·10 | 20 |
| 21 | ·04 | ·08 | | ·03 | ·04 | ·03 | ·03 | | | | ·01 | | 21 |
| 22 | ·22 | ·06 | | ·07 | 35 | ·05 | ·11 | ·03 | | | ·01 | | 22 |
| 23 | ·38 | ·01 | | ·10 | ·28 | ·34 | 05 | 06 | ·10 | ·05 | ·18 | | 23 |
| 24 | ·21 ~~01~~ | ·04 | | ·38 | ·32 | | 13 | | ·01 | ·10 | ·10 | ·15 | 24 |
| 25 | ·04 | 15 | | ·20 | ·06 | | | | | | ·04 | | 25 |
| 26 | | | | ·08 | | | 03 | | ·01 | ·01 | ·70 | | 26 |
| 27 | ·09 | | 20 | 15 | ·17 | | ·21 | ·01 | | ·15 | ·10 | | 27 |
| 28 | ·22 ~~12~~ | ·10 | | ·10 | ·31 | | ·04 | | ·01 | | ·05 | ·30 | 28 |
| 29 | ·21 ~~01~~ | | ·15 | | ·12 | | ·35 | | | ·40 | ·01 | ·10 | 29 |
| 30 | | ✕ | | | ·66 | | ·12 | | | ·20 | | | 30 |
| 31 | ·50 | ✕ | | ✕ | ·01 | ✕ | ·33 | | ✕ | ·05 | ✕ | ·05 | 31 |
| TOTAL | 2·87 ~~2·27~~ | 2·43 | 1·95 ✓ | 3·51 | 3·28 ~~3·22~~ | 4·43 | 4·97 ✓ | 4·48 | 3·285 | 2·09 | 4·30 | 2·25 | YEAR'S TOTAL<br>39·84 |
| *Days with ·01 in. or more. | 19 | 25 | 14 | 18 | 20 | 21 | 28 | 17 | 14 | 20 | 27 | 15 | 241 |
| *Days with ·04 in. or more. | 13 | 20 | 10 | 14 | 18 | 17 | 22 | 15 | 10 | 14 | 20 | 13 | 18~~6~~ |

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(*Signed*) J. W. Stokoe [P.T.O.

*See Instruction 2 (*f*) on other side.

322

3519

Section **A** for the entry of

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Eggleston

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

May covd. for Arith.

Jan. 12th. 24th. 28th & 29th adjusted by surrounding stations in connexion with Tees Valley Investigation. 9/32.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·01 | ·42 | ·10 | ·01 | ·01 | | ·14 | ·10 | | | 1 |
| 2 | | ·08 | ·03 | ·50 | | ·45 | ·02 | | ·98 | ·10 | ·10 | ·30 | 2 |
| 3 | | ·01 | | | | ·28 | ·10 | | 1·03 | ·02 | ·70 | ·40 | 3 |
| 4 | | ·09 | | ·15 | | ·01 | | | ·60 | ·03 | ·10 | ·20 | 4 |
| 5 | | ·02 | | | ·11 | ·48 | ·03 | ·43 | ·05 | | ·02 | ·22 | 5 |
| 6 | | ·10 | ·40 | | ·02 | ·41 | 1·18 | ·62 | ·04 | ·02 | ·10 | ·15 | 6 |
| 7 | | ·01 | ·32 | | | ·23 | ·53 | ·53 | | ·02 | ·20 | ·10 | 7 |
| 8 | | ·05 | ·30 | | ·10 | ·01 | ·29 | ·21 | | ·30 | ·15 | | 8 |
| 9 | | ·32 | ·10 | ·05 | ·13 | ·29 | ·08 | ·36 | | ·15 | ·20 | ·01 | 9 |
| 10 | ·02 | ·10 | ·05 | | ·05 | ·20 | ·06 | ·09 | | ·01 | ·15 | ·10 | 10 |
| 11 | ·09 | ·41 | ·05 | | | ·09 | ·17 | | ·04 | | ·10 | | 11 |
| 12 | ·10 | ·05 | ·01 | ·01 | | ·32 | ·14 | | | ·25 | ·02 | | 12 |
| 13 | ·01 | | ·11 | | ·05 | ·19 | ·04 | ·13 | ·01 | | ·01 | | 13 |
| 14 | ·04 | ·05 | | | ·05 | ·54 | ·30 | ·28 | ·005 | | ·30 | ·02 | 14 |
| 15 | ·18 | ·11 | | ·15 | ·05 | ·07 | ·27 | ·25 | | | | | 15 |
| 16 | ·07 | ·15 | | | ·30 | | ·13 | ·42 | ·10 | | ·01 | | 16 |
| 17 | ·23 | ·23 | | ·71 | | ·08 | ·07 | ·21 | ·01 | ·05 | ·10 | | 17 |
| 18 | ·19 | ·05 | | ·37 | | ·22 | ·13 | ·52 | ·01 | ·04 | ·70 | | 18 |
| 19 | ·02 | ·10 | ·02 | ·02 | | ·13 | ·02 | ·28 | ·10 | ·04 | ·04 | ·05 | 19 |
| 20 | ·01 | ·05 | ·20 | ·02 | | | | ·05 | ·01 | | ·10 | ·10 | 20 |
| 21 | ·04 | ·08 | | ·03 | ·04 | ·03 | ·03 | | | | ·01 | | 21 |
| 22 | ·22 | ·06 | | ·07 | ·35 | ·05 | ·11 | ·03 | | | ·01 | | 22 |
| 23 | ·38 | ·01 | | ·10 | ·28 | ·34 | ·05 | ·06 | ·10 | ·05 | ·18 | | 23 |
| 24 | ·21 ~~·01~~ | ·04 | | ·38 | ·32 | | ·13 | | ·01 | ·10 | ·10 | ·15 | 24 |
| 25 | ·04 | ·15 | | ·20 | ·06 | | | | | | ·04 | | 25 |
| 26 | | | | ·08 | | | ·03 | | ·01 | ·01 | ·70 | | 26 |
| 27 | ·09 | | ·20 | ·15 | ·17 | | ·21 | ·01 | | ·15 | ·10 | | 27 |
| 28 | ·22 ~~·12~~ | ·10 | | ·10 | ·31 | | ·04 | | ·01 | | ·05 | ·30 | 28 |
| 29 | ·21 ~~·01~~ | | ·15 | | ·12 | | ·35 | | | ·40 | ·01 | ·10 | 29 |
| 30 | | ✕ | | | ·66 | | ·12 | | | ·20 | | | 30 |
| 31 | ·50 | ✕ | | ✕ | ·01 | ✕ | ·33 | | ✕ | ·05 | ✕ | ·05 | 31 |
| TOTAL | 2·87 ~~2·27~~ | 2·43 | 1·95 | 3·51 | 3·28 ~~3·22~~ | 4·43 | 4·97 | 4·48 | 3·285 | 2·09 | 4·30 | 2·25 | YEAR'S TOTAL 39·84 ~~39·34~~ |
| *Days with ·01 in. or more. | 19 | 25 | 14 | 18 | 20 | 21 | 28 | 17 | 14 | 20 | 27 | 15 | 241 |
| *Days with ·04 in. or more. | 13 | 20 | 10 | 14 | 18 | 17 | 22 | 15 | 10 | 14 | 20 | 13 | 186 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) J. W. Stokoe

[P.T.O.

Revised Totals.

3519

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Eggleston House

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

March misplotted as ·52? Value O.K. Please confirm

Nov. 2" low? O.K.

Amount plotted before revision

Nov.

906 sent 12/5/33

[illegible]

no reply by 30/5/33

adjusted by surr stns

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·20 | | ·01 | ·40 | ·35 | | | | ·51 | ·15 | ·01 | ·10 | 1 |
| 2 | ·40 | ·05 | ·05 | ·20 | ·75 | | ·10 | | ·25 | ·11 | ·10 | ·10 | 2 |
| 3 | ·30 | ·01 | | ·15 | | | ·05 | | ·10 | ·01 | ·03 | ·30 | 3 |
| 4 | ·20 | ·03 | ·03 | ·09 | ·10 | | ·35 | ·01 | ·01 | ·01 | ·01 | ·11 | 4 |
| 5 | ·70 | ·01 | ·50 | ·04 | ·16 | | | | ·06 | | | ·01 | 5 |
| 6 | ·20 | | ·15 | ·06 | ·05 | | | | ·01 | ·01 | | ·03 | 6 |
| 7 | | | ·30 | ·05 | ·30 | ·01 | | ·02 | ·04 | ·18 | | ·005 | 7 |
| 8 | | ·10 | ·05 | ·05 | | | | ·01 | ·35 | ·95 | ·04 | ·03 | 8 |
| 9 | ·41 | ·30 | ·02 | ·60 | ·26 | | | | ·05 | ·11 | | ·20 | 9 |
| 10 | ·17 | ·30 | ·05 | ·20 | ·01 | | | ·01 | ·55 | ·09 | | ·15 | 10 |
| 11 | ·10 | ·35 | ·02 | ·04 | ·45 | ·01 | ·31 | | ·06 | ·21 | ·06 | ·01 | 11 |
| 12 | ·25 | ·07 | ·06 | | ·12 | | ·10 | ·03 | ·01 | ·22 | ·01 | | 12 |
| 13 | ·10 | ·15 | | ·07 | ·10 | | ·05 | ·05 | ·60 | | ·03 | ·07 | 13 |
| 14 | ·20 | ·05 | ·05 | ·06 | | | ·15 | ·01 | | ·01 | ·12 | ·01 | 14 |
| 15 | ·20 | | | ·15 | ·35 | | | | | | ·01 | ·06 | 15 |
| 16 | ·35 | | ·03 | | ·01 | | ·01 | | | ·05 | ·01 | ·10 | 16 |
| 17 | ·02 | | | ·05 | | | ·10 | | ·20 | ·48 | ·005 | ·30 | 17 |
| 18 | ·05 | | | | ·02 | | ·01 | ·01 | | ·01 | ·01 | ·27 | 18 |
| 19 | ·02 | ·015 | ·05 | ·10 | ·05 | | | ·02 | ·05 | ·09 | | ·03 | 19 |
| 20 | ·10 | ·03 | ·20 | ·25 | ·25 | | ·01 | ·40 | | ·20 | | ·03 | 20 |
| 21 | | | ·30 | ·05 | ·35 | | ·05 | ·53 | | ·75 | ·04 | ·04 | 21 |
| 22 | | | ·25 | ·05 | ·01 | | ·17 | | | ·09 | ·73<br>~~·05~~ | | 22 |
| 23 | | ·03 | ·08 | ·15 | | | ·13 | | ·05 | ·03 | ·26<br>~~·06~~ | ·30 | 23 |
| 24 | | ·015 | ·10 | | ·01 | | ·45 | | ·20 | | ·02 | | 24 |
| 25 | | ·01 | | ·25 | ·25 | | ·01 | ·03 | ·10 | ·21 | ·18 | ·10 | 25 |
| 26 | | ·01 | ·05 | ·02 | ·15 | | ·08 | ·01 | ·11 | ·18 | ·10<br>+1·00 | | 26 |
| 27 | | ·01 | ·05 | ·20 | ·15 | ·40 | ·30 | | | ·15 | ·03 | ·30 | 27 |
| 28 | | ·03 | ·15 | ·45 | ·45 | ·25 | ·10 | ·01 | | ·06 | | ·20 | 28 |
| 29 | ·05 | | ·70 | ·15 | ·08 | | ·60 | ·20 | ·05 | ·12 | ·06 | ·10 | 29 |
| 30 | | × | ·20 | ·60 | | ·40 | ·02 | ·15 | ·65 | ·03 | ·12 | ·09 | 30<br>38·7 |
| 31 | | × | | × | | × | ·20 | ·02 | × | | × | | 31 |
| TOTAL | 4·02 | 1·57 | 3·45 | 4·48 | 4·78 | 1·07 | 3·35 | 1·52 | 4·01 | 4·51 | 2·99<br>1·0~~85~~ | 3·04<br>3·04~~4~~ | YEAR'S TOTAL<br>38·79<br>~~36·9~~ |
| *Days with ·01 in. or more. | 19 | 19 | 24 | 26 | 24 | 5 | 22 | 17 | 21 | 6<br>~~25~~ | 21 | 25 | 249 |
| *Days with ·04 in. or more. | 17 | 8 | 19 | 25 | 19 | 3 | 17 ~~16~~ | 5 | 18<br>~~19~~ | 19 | 10 | 18 | 178 |

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M

*See Instruction 2 (f) on other side.

(Signed)..........

[P.T.O.

f 924382/29 en. 13A 3519

**Section A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Eggleston House

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft. ........ in.

,, Ground ,, Sea Level ........ ft.

Feb. part estimated for snow. (gauge snowbound and no values given). Oct-Dec. estimated by surrounding stations. Observer notified of estimations for February

Letter 23·Aug'33 from new Head Master, Mr Ed. Smith, stated "School r. gauge is broken & I have been unable to send obs. for July & Aug." He had been sending previous cards during 1933. This may account for the readings copied here for July & Aug appearing doubtful July total looks big & Aug. " " small entries for July 15+16 are not supported elsewhere. M.S. ~~Dec~~ 1960.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.* Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | ·05 | | | ·05 | | | | | | ~~·09~~ | | 1 |
| 2 | ·10 | ·02 | ·03 | ·10 | | | | | | | ~~·39~~ | | 2 |
| 3 | ·20 | | ·03 | ·10 | ·05 | | | | | | ~~·37~~ | | 3 |
| 4 | ·03 | ·20 | ·05 | | ·10 | | | | | | | | 4 |
| 5 | ·09 | ·10 | ·10 | | ·10 | | | ·03 | | | | | 5 |
| 6 | ·01 | ·05 | ·05 | | ·30 | | | | | | | ~~·10~~ | 6 |
| 7 | | | | | ·20 | | | | | ~~·91~~ | | | 7 |
| 8 | ·10 | ·10 | ·05 | | ·05 | | | | | [illegible] | | ~~·50~~ | 8 |
| 9 | ·06 | ·30 | | ·10 | ·20 | | | | | ~~·22~~ | ~~·10~~ | | 9 |
| 10 | ·03 | ·02 | | | ·03 | ·01 | ·01 | | | ~~·25~~ | ~~·01~~ | ~~·30~~ | 10 |
| 11 | | ·01 | | | ·10 | | ·01 | | | ~~·16~~ | | | 11 |
| 12 | | | | | ·20 | ·10 | ·02 | | | | | | 12 |
| 13 | ·05 | | | | ·30 | | ·03 | | | ~~·28~~ | ~~·04~~ | | 13 |
| 14 | ·10 | | ·02 | | ·10 | | ·02 | ·04 | | | ~~·17~~ | ~~·10~~ | 14 |
| 15 | ·01 | | ·03 | ·10 | ·10 | | 2·04 | ·03 | | ~~·30~~ | ~~·58~~ | ~~·15~~ | 15 |
| 16 | ·20 | ·02 | | ·05 | ·20 | ·01 | 1·50 | | | | ~~·17~~ | | 16 |
| 17 | ·05 | ·10 | | ·20 | ·10 | ·30 | ·01 | ·01 | ·02 | | ~~·50~~ | | 17 |
| 18 | ·03 | ·20 | ·01 | ·10 | ·03 | ·20 | | | | | ~~·30~~ | ~~·02~~ | 18 |
| 19 | | ·10 | ·72 | ·05 | | ·21 | ·01 | | ·11 | | ~~·04~~ | | 19 |
| 20 | | ·03 | | | ·03 | ·03 | | ·01 | ·04 | | | | 20 |
| 21 | | ·03 | | | | | | ·02 | ·08 | ~~·54~~ | ~~·04~~ | ~~·02~~ | 21 |
| 22 | | ·06 | | | | | | | | | | | 22 |
| 23 | | ·30 | | | ·05 | | | ·01 | ·14 | ~~·06~~ | ~~·02~~ | | 23 |
| 24 | ·01 | (·50) | | ·30 | ·20 | ·30 | | | ·21 | ~~·08~~ | ~~·27~~ | ~~·05~~ | 24 |
| 25 | | (·75) | | ·10 | ·10 | ·01 | | | 1·52 | ~~·08~~ | | ~~·04~~ | 25 |
| 26 | ·04 | (1·00) | | ·05 | ·05 | | ·01 | | | ~~·07~~ | ~~·02~~ | ~~·02~~ | 26 |
| 27 | ·01 | (·20) | | | | | | | | ~~·07~~ | ~~·05~~ | ~~·03~~ | 27 |
| 28 | | - | | ·20 | ·03 | | | | | ~~·36~~ | | ~~·12~~ | 28 |
| 29 | | | ·02 | ·30 | | | | | ·01 | ~~·27~~ | | | 29 |
| 30 | ·01 | × | ·01 | ·10 | | | | | ·09 | ~~·05~~ | | ~~·12~~ | 30 |
| 31 | ·50 | × | ·05 | × | ·03 | × | ·01 | ·03 | × | ~~·02~~ | × | ~~·04~~ | 31 |
| TOTAL | 1·73 | (4·14) | 1·17 | 1·85 | 2·70 | 1·17 | 3·67 * | ·18 * | 2·22 | (3·65) ~~[illegible]~~ | (3·50) ~~[illegible]~~ | (1·60) ~~[illegible]~~ | YEAR'S TOTAL (27·58) |
| *Days with ·01 in. or more. | 20 | 21 | 13 | 14 | 24 | 9 | 11 | 8 | 9 | ~~[illegible]~~ | ~~17~~ | ~~[illegible]~~ | .. |
| *Days with ·04 in. or more. | 12 | 15 | 6 | 14 | 19 | 5 | 2 | 1 | 7 | ~~14~~ | ~~14~~ | ~~10~~ | .. |

"Oct.-Dec from Eggleston, Sunny Brae" copied onto separate F1090.

Pr f 1 d

40-9999

*See Instruction 2 (*f*) on other side.

D M

(Signed) J. W. Stokoe

P.T.O.

Section **A** for the entry of
AIR MINISTRY

FORM 1090.

**REGIST**

*Kept at* Eggleston ("Sun
*in the County of* Durha

Diameter of Funnel of Gauge
Height of top of Gauge above Grounc
,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of thi*

3519

EGGLESTONE "SUNNY BRAE"

1933 — 40

780701

ation No. 3519/5.

ORGANIZATION.

Durham. //

the previous house & set up in the new schoolmaster, Mr Ed. Smith

(519) (M.R. Dec 1960)

29. encl. 13A.

owing

Jan. 1, following

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | ·09 | | 1 |
| 2 | | | | | | | | | | | ·39 | | 2 |
| 3 | | | | | | | | | | — | ·37 | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | ·10 | 6 |
| 7 | | | | | | | | | | ·91 | | | 7 |
| 8 | | | | | | | | | | | | ·50 | 8 |
| 9 | | | | | | | | | | ·22 | ·10 | | 9 |
| 10 | | | | | | | | | | ·25 | ·01 | ·30 | 10 |
| 11 | | | | | | | | | | ·16 | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | ·28 | ·04 | | 13 |
| 14 | | | | | | | | | | | ·47 | ·10 | 14 |
| 15 | | | | | | | | | | ·30 | ·58 | ·15 | 15 |
| 16 | | | | | | | | | | | ·47 | | 16 |
| 17 | | | | | | | | | | | ·50 | | 17 |
| 18 | | | | | | | | | | | ·30 | ·02 | 18 |
| 19 | | | | | | | | | | | ·04 | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | ·54 | ·04 | ·02 | 21 |
| 22 | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | ·03 | ·02 | | 23 |
| 24 | | | | | | | | | | ·08 | ·07 | ·05 | 24 |
| 25 | | | | | | | | | | ·08 | | ·04 | 25 |
| 26 | | | | | | | | | | ·07 | ·02 | ·02 | 26 |
| 27 | | | | | | | | | | ·07 | ·05 | ·03 | 27 |
| 28 | | | | | | | | | | ·36 | | ·12 | 28 |
| 29 | | | | | | | | | | ·27 | | | 29 |
| 30 | | × | | | | | | | | ·05 | | ·12 | 30 |
| 31 | | × | | × | | × | | | × | ·02 | × | ·04 | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | | | | | | | | | | 3·69 ✓ | 3·56 | 1·61 | [illegible] |
| *Days with ·01 in. or more. | | | | | | | | | | ? | 17 | 14 | - - |
| *Days with .04 in. or more. | | | | | | | | | | ? | 14 | 10 | - - |

J. from 3519.

40-9999

*See Instruction 2 (*f*) on other side.

N.

(*Signed*)

P.T.O.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 3519/5.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933. Durham. /1

*Kept at* Eggleston ("Sunny Brae")
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 1200 ft.

This gauge was taken from the previous schoolmaster's house & set up in the garden of the new schoolmaster, Mr Ed. Smith

g. from 3519.

Copied from original (on 3519) (JG. Dec 1960)

f924382/29. encl. 13A.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | ·09 | | 1 |
| 2 | | | | | | | | | | | ·39 | | 2 |
| 3 | | | | | | | | | | | ·37 | | 3 |
| 4 | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | ·10 | 6 |
| 7 | | | | | | | | | | ·91 | | | 7 |
| 8 | | | | | | | | | | | | ·50 | 8 |
| 9 | | | | | | | | | | ·22 | ·10 | | 9 |
| 10 | | | | | | | | | | ·25 | ·01 | ·30 | 10 |
| 11 | | | | | | | | | | ·16 | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | ·28 | ·04 | | 13 |
| 14 | | | | | | | | | | } | ·47 | ·10 | 14 |
| 15 | | | | | | | | | | } ·30 | ·58 | ·15 | 15 |
| 16 | | | | | | | | | | } | ·47 | | 16 |
| 17 | | | | | | | | | | | ·50 | | 17 |
| 18 | | | | | | | | | | | ·30 | ·02 | 18 |
| 19 | | | | | | | | | | | ·04 | | 19 |
| 20 | | | | | | | | | | } | | | 20 |
| 21 | | | | | | | | | | } ·54 | ·04 | ·02 | 21 |
| 22 | | | | | | | | | | } | | | 22 |
| 23 | | | | | | | | | | ·03 | ·02 | | 23 |
| 24 | | | | | | | | | | ·08 | ·07 | ·05 | 24 |
| 25 | | | | | | | | | | ·08 | | ·04 | 25 |
| 26 | | | | | | | | | | ·07 | ·02 | ·02 | 26 |
| 27 | | | | | | | | | | ·07 | ·05 | ·03 | 27 |
| 28 | | | | | | | | | | ·36 | | ·12 | 28 |
| 29 | | | | | | | | | | ·27 | | | 29 |
| 30 | | × | | | | | | | | ·05 | | ·12 | 30 |
| 31 | | × | | × | | × | | | × | ·02 | × | ·04 | 31 |
| TOTAL | | | | | | | | | | 3·69 | 3·56 | 1·61 | YEAR'S TOTAL [illegible] |
| *Days with ·01 in. or more. | | | | | | | | | | ? | 17 | 14 | - - |
| *Days with ·04 in. or more. | | | | | | | | | | ? | 14 | 10 | - - |

40-9999
*See Instruction 2 (*f*) on other side.

D N.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3519/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

X/Durham/1
c imp 1933

*Kept at* Eggleston ~~House~~ (Sunny Brae)
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level 1200 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following
No average

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | .06 | .01 | | | | | | | | .30 | | 1 |
| 2 | | .02 | .06 | .06 | | | | .50 | .24 | | | .24 | | 2 |
| 3 | .15 | .03 | | | | | | .05 | | .22 | | .20 | | 3 |
| 4 | | | 15 | | | | | .05 | | 32 | .01 | .65 | | 4 |
| 5 | 19 | | 19 | .12 | .26 | | | | | .08 | .05 | .31 | | 5 |
| 6 | .16 | | | | 51 | .02 | | | .12 | .30 | .04 | .14 | | 6 |
| 7 | .24 | .13 | .01 | .22 | .04 | .04 | | .05 | | .06 | | 18 | | 7 |
| 8 | | | | | .26 | 50 | | .06 | .03 | .09 | | .05 | | 8 |
| 9 | | | .15 | .20 | | | | .10 | | .06 | 1.03 | | | 9 |
| 10 | .02 | | .43 | .41 | | | | .08 | | .03 | 73 | | | 10 |
| 11 | 23 | | 1.43 | 1.15 | | | | | | | 15 | .03 | | 11 |
| 12 | * | | 1.23 | .23 | | | .30 | | | | .03 | .06 | | 12 |
| 13 | * .53 | | | .04 | .05 | | .20 | | | .05 | .05 | .01 | | 13 |
| 14 | .14 | | | | .03 | 20 | .50 | .03 | | 17 | .05 | .18 | | 14 |
| 15 | .06 | | .34 | | .35 | | .05 | .20 | | .39 | .04 | 25 | | 15 |
| 16 | .24 | | | | .06 | | | | | | .09 | | | 16 |
| 17 | .43 | | .50 | | .05 | | .32 | | .18 | .01 | .01 | 29 | | 17 |
| 18 | .30 | | | | | .02 | | | .03 | | | | | 18 |
| 19 | | | .12 | .12 | 42 | .08 | .02 | | .13 | .03 | .02 | – | | 19 |
| 20 | | | .10 | | | .02 | | .13 | .05 | .04 | .01 | – | | 20 |
| 21 | | | | 05 | .03 | .34 | | .08 | .13 | .12 | | – | | 21 |
| 22 | | | 01 | .01 | | .10 | | .08 | .20 | .27 | | – | | 22 |
| 23 | | | .08 | .18 | | .05 | .11 | | .15 | 36 | | 1.08 | | 23 |
| 24 | | | | .01 | .06 | .09 | 01 | | .19 | .66 | | | | 24 |
| 25 | .01 | .04 | .02 | .44 | | | .20 | | .12 | 31 | 01 | | | 25 |
| 26 | 18 | | | .30 | | 09 | | | .12 | .73 | | | | 26 |
| 27 | | | | .50 | | 07 | | | | .45 | | | | 27 |
| 28 | | | | .08 | | .20 | | .25 | | .02 | | | | 28 |
| 29 | | | | | | | | .25 | 07 | .02 | | 1.00 | | 29 |
| 30 | .09 | × | .08 | | | | | | .03 | | | | | 30 |
| 31 | .05 | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 3.02 | .22 | 4.96 | 4.13 | 2.12 | 1.82 | 1.71 | 1.91 | 1.79 | 4.79 | 2.32 | 4.97 | Year's Total 33.76 | |
| *Days with ·01 in. or more. | 17 | 4 | 17 | 18 | 12 | 14 | 9 | 14 | 15 | 23 | 15 | (23) | (181) | |
| *Days with .04 in. or more. | 15 | 2 | 14 | 15 | 10 | 11 | 7 | 13 | 12 | 18 | 9 | (18) | (144) | |

(no average)

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) ~~E. Smith~~
X E.A. SMITH ESQ X

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3519/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Eggleston ~~House~~ (Sunny Brae)

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Note on card for Feb. Heavy Snowstorm on 25th & 27th
Snow recorded on 5 days during month, but no measurements given
adjusted. Obs. to be informed end of year
(Dec. adjusted by same stns

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·14 | | | | | ·09 | | ·43 | ·14 | | ·10 | | 1 |
| 2 | | ·11 | | | | ·12 | | | ·14 | 62 | ·52 | | | 2 |
| 3 | | ·20 | ·04 | | | | ·02 | ·02 | ·10 | | | ·02 | | 3 |
| 4 | | ·01 | ·06 | | | 18 | ·10 | | | 30 | ·02 | | | 4 |
| 5 | ·61 | (·50) | ·01 | | | 04 | | | | | ·01 | | | 5 |
| 6 | | | | | | ·15 | | | | ·14 | | | | 6 |
| 7 | | | | ·33 | | | | | | 01 | 34 | ·18 | | 7 |
| 8 | | | | ·18 | | ·51 | | | | ·10 | | | | 8 |
| 9 | ·06 | | | ·84 | | | | | | ·38 | ·72 | | | 9 |
| 10 | ·01 | | | ·32 | | ·05 | | | | 35 | | | | 10 |
| 11 | ·26 | ·11 | | ·04 | | | | ·10 | ·01 | | ·16 | ·32 | | 11 |
| 12 | | ·07 | | | | 06 | | | | | | | | 12 |
| 13 | ·14 | ·11 | | 01 | ·28 | ·03 | | | ·05 | | | | | 13 |
| 14 | ·01 | ·02 | ·08 | ·35 | ·05 | ·08 | ·11 | | | | ·42 | (·30) Snow | | 14 |
| 15 | | 1·10 | | ·38 | ·10 | ·02 | | | ·72 | 48 | | | | 15 |
| 16 | | 1·02 | ·10 | ·27 | ·06 | | ·11 | | ·52 | | 1·46 | | | 16 |
| 17 | ·01 | ·04 | | ·29 | | 15 | | | ·37 | | | | | 17 |
| 18 | | ·21 | | ·05 | | ·12 | | | ·19 | | ·08 | | | 18 |
| 19 | ·04 | ·15 | | | | ·15 | | | ·18 | | ·11 | | | 19 |
| 20 | | ·60 | | ~~·44~~ | | | ·15 | | | | ·57 | | | 20 |
| 21 | | ·29 | ·02 | ·12 | | | | | 2·10 | ·10 | ·30 | | | 21 |
| 22 | | (·05) | ·50 | ·05 | | | | | | ·01 | – | | | 22 |
| 23 | | (·02) | ·11 | ·09 | | | | | | ·25 | ·09 | | | 23 |
| 24 | ·28 | (1·25) | ·01 | | | | | ·28 | 1·00 | | – | Heavy | | 24 |
| 25 | | (·10) | ·14 | | | 01 | | | | | ·07 | Snow ·70 | | 25 |
| 26 | | | | | | | ·05 | ·27 | ·15 | ·36 | ·02 | ·03 | | 26 |
| 27 | | (·15) | | | | | | | ·15 | | ·11 | ·02 | | 27 |
| 28 | | | | | | | | ·37 | ·01 | ·16 | ·19 | | | 28 |
| 29 | | | ·15 | | | ·05 | | ·03 | ·05 | ·35 | ·10 | ·10 | | 29 |
| 30 | | ✕ | ·02 | | | ·20 | | ·01 | ·81 | 1·05 | ·50 | ·25 | | 30 |
| 31 | ·02 | ✕ | | ✕ | | ✕ | | | ✕ | ·11 | ✕ | ·17 | d. | 31 |
| TOTAL | 1·44 | 6·25 ~~4·18~~ | 1·24 | 3·76 | ·49 | 1·92 | ·63 | 1·08 | 6·98 | 5·41 | 5·79 | 2·19 ~~1·19~~ | Year's Total 37·18 | |
| *Days with ·01 in. or more. | ~~14~~ | ~~21~~ | ~~12~~ | ~~15~~ | ~~4~~ | ~~19~~ | ~~7~~ | ~~7~~ | ~~18~~ | 24 ~~17~~ | 26 ~~19~~ | ~~14~~ | ~~181~~ | |
| *Days with ·04 in. or more. | 9 | 18 | 8 | 14 | 4 | 15 | 6 | 4 | 16 | 20 ~~15~~ | 23 ~~16~~ | 12 | 149 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) E. Smith

[P.T.O.

~~Eggleston (Wood Hill)~~

COPY FOR OFFICIAL USE,

Section **A** for the entry of Daily Observations. Station No. 3549/5 39R

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Eggleston House

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

adjusted by snow. [illegible]

Examine end of year

March 1/3. Heavy snow

2a 35201
22

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.** 19243881/29

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | | | ·06 | | ·13 | ·25 | (·40) | ·24 | · | ·10 | ·02 | | 1 |
| 2 | | | | ·01 | | ·31 | ·12 | ·02 | — | · | — | ·06 | | 2 |
| 3 | | | | | | 67 | | | ·48 | · | — | ·01 | | 3 |
| 4 | ~~1·72~~ | | | | | 13 | | ·01 | | ·01 | ·22 | — | | 4 |
| 5 | 1·24 | | | | | | | | ·80 | ·01 | ·17 | ·50<br>snow | | 5 |
| 6 | | | | | ·01 | | ·02 | ·92 | | · | — | snow | | 6 |
| 7 | | | | | | | ·09 | | ·12 | · | ·21 | ·13 | | 7 |
| 8 | ~~·46~~ | | 1·40 | | | | | | ·01 | · | ·09 | — | | 8 |
| 9 | ~~2·06~~ | | 10 | | | | | | ·05 | ·15 | ·10 | — | | 9 |
| 10 | | | | | | | | | — | · | ·04 | — | | 10 |
| 11 | ·61 | | | | | ·10 | | ·16 | — | · | ·43 | — | | 11 |
| 12 | | | | (·88) | | | ·10 | ·02 | ·33 | · | 1·15 | snow | | 12 |
| 13 | | | | | | | | | — | · | | ·84 | | 13 |
| 14 | | | | | | ·25 | ·06 | | 1·63 | · | ·37 | ·94 | | 14 |
| 15 | | | | | | ·03 | ·02 | 09 | ·03 | ·11 | | ·17 | | 15 |
| 16 | | | | | | | ·02 | | — | · | ·39 | ·08 | | 16 |
| 17 | | (·50)<br>·15 | | | ·03 | | | | — | · | 41 | ·23 | | 17 |
| 18 | | ·05 | | | | | | | — | · | ·05 | ·05 | | 18 |
| 19 | | ·11 | | | | | ·25 | ·33 | — | ·03 | — | ·05 | | 19 |
| 20 | | ·25 | | | | | ·04 | | — | (2·00) | — | — | | 20 |
| 21 | | | ·30 | | | ·38 | ·02 | | — | · | — | ·03 | | 21 |
| 22 | | (50) | | ·01 | | 35 | | | — | · | — | | | 22 |
| 23 | | | 10 | ·04 | | | ·35 | | — | · | — | | | 23 |
| 24 | | ·11 | | | 1·57 | | ·17 | | ·39 | · | — | | | 24 |
| 25 | 1·78 | | 11 | | | | | | | ·50 | — | | | 25 |
| 26 | | ·25 | ·57 | | | | ·06 | | ·94 | ·16 | — | ·52 | | 26 |
| 27 | | | | | | | ·02 | | | ·05 | — | | | 27 |
| 28 | 64 | (·70) | | | | | ·54 | | ·01 | ·01 | — | | | 28 |
| 29 | ·33 | | ·21 | | ·23 | ·68 | ·11 | | — | ·05 | ·02 | | | 29 |
| 30 | | × | 10 | | ·21 | 32 | ·10 | | — | · | — | | d | 30 |
| 31 | | × | ·11 | × | ·03 | × | | | × | · | × | | | 31 |
| TOTAL | (4·60)<br>~~7·60~~ | (2·62)<br>~~[illegible]~~ | ✓<br>3·00 | (1·00)<br>~~·12~~ | ✓<br>2·08 | ✓<br>3·35 | ✓<br>2·34 | (1·95)<br>~~1·55~~ | 5·03 | (3·88)<br>~~1·08~~ | ✓<br>3·78 | (3·63)<br>~~3·13~~ | Year's Total.<br>(36·46) | |
| * Days with .01 in. or more. | | | | | | | | | | | 14 | 14 | | |
| * Days with .04 in. or more. | | | | | | | | | | | 13 | 11 | | |

[illegible] adjustment

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) E. A. Smith Esq.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. ..............

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

# REGISTER OF RAINFALL IN 1936.

Kept at Eggleston C.E. School

in the County of Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

„ Ground „ Sea Level 950 ft. approx.

Readings taken in the School Gauge 1½-2 yds. N. of Official Gauge

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·0 | snow | ·06 | ·0 | ·13 | ·25 | ·0 | ·24 | ·0 | ·1 | ·02 | | 1 |
| 2 | | ·0 | ·0 | ·01 | ·0 | ·31 | ·12 | ·02 | ·06 | ·0 | ·0 | ·06 | | 2 |
| 3 | | ·0 | ·0 | ·0 | ·0 | ·67 | ·0 | ·0 | ·43 | ·0 | ·0 | ·11 | | 3 |
| 4 | 1·72 | ·0 | ·0 | ·0 | ·0 | ·13 | ·0 | ·01 | | ·01 | ·22 | ·0 | | 4 |
| 5 | | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·8 | ·01 | ·17 | snow | | 5 |
| 6 | | ·0 | ·0 | ·0 | ·01 | ·0 | ·02 | ·92 | | ·0 | | snow | | 6 |
| 7 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·09 | ·0 | ·05 | ·0 | ·3 | ·13 | | 7 |
| 8 | ·46 | ·0 | 1·4 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | | ·0 | | 8 |
| 9 | 2·06 | ·0 | ·1 | ·0 | ·0 | ·0 | ·0 | ·0 | ·04 | ·0 | ·1 | ·0 | | 9 |
| 10 | | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | ·07 | ·0 | | 10 |
| 11 | ·61 | ·0 | ·0 | snow | ·0 | ·1 | ·1 | ·16 | ·0 | ·0 | ·43 | ·0 | | 11 |
| 12 | | ·0 | ·0 | snow | ·0 | ·0 | | ·02 | ·33 | ·0 | 1·15 | ·84 | | 12 |
| 13 | ·0 | ·0 | ·0 | snow | ·0 | ·0 | ·0 | ·0 | ·0 | ·0 | | | | 13 |
| 14 | ·0 | ·0 | ·0 | snow | ·0 | ·25 | ·06 | ·0 | 1·56 | ·0 | ·54 | ·46 | | 14 |
| 15 | ·0 | ·0 | ·0 | | ·0 | ·03 | ·02 | ·09 | ·04 | ·0 | | ·17 | | 15 |
| 16 | ·0 | ·0 | ·0 | | ·0 | ·0 | ·02 | ·0 | ·0 | ·0 | ·39 | ·08 | | 16 |
| 17 | ·0 | ·15 | ·0 | ·10 | ·03 | ·0 | | ·0 | ·0 | ·0 | ·41 | ·24 | | 17 |
| 18 | ·0 | ·05 | ·0 | | ·0 | ·0 | ·25 | ·0 | ·0 | ·4 | ·04 | | | 18 |
| 19 | ·0 | ·11 | ·0 | | ·0 | ·0 | | ·33 | ·0 | ·03 | ·0 | ·05 | | 19 |
| 20 | ·0 | ·25 | ·3 | snow | ·0 | ·0 | ·04 | ·0 | ·0 | ·0 | ·0 | | | 20 |
| 21 | ·0 | ·0 | ·6 | snow | ·0 | ·38 | ·0 | ·0 | ·0 | ·0 | ·0 | ·03 | | 21 |
| 22 | ·0 | snow | | ·01 | | ·35 | ·0 | ·0 | ·0 | ·0 | ·0 | | | 22 |
| 23 | ·0 | snow | ·1 | ·04 | 1·57 | ·0 | ·35 | ·0 | ·0 | ·0 | ·0 | | | 23 |
| 24 | | ·11 | ·0 | ·0 | | ·0 | ·17 | ·0 | ·4 | ·0 | ·0 | | | 24 |
| 25 | ·78 | ·25 | ·11 | ·0 | ·0 | ·0 | ·0 | ·0 | | ·05 | ·0 | | | 25 |
| 26 | | | ·57 | ·0 | ·0 | ·0 | ·06 | ·0 | ·94 | ·16 | ·0 | ·52 | | 26 |
| 27 | ·64 | ·0 | | ·0 | ·0 | ·0 | ·02 | ·0 | | ·05 | ·0 | | | 27 |
| 28 | | snow | ·21 | ·0 | ·0 | ·0 | ·54 | ·0 | ·0 | ·01 | ·0 | | | 28 |
| 29 | ·33 | snow | | ·0 | ·023 | ·68 | ·11 | ·0 | ·0 | ·05 | ·02 | | | 29 |
| 30 | ·0 | ✕ | ·1 | ·0 | ·21 | ·32 | ·1 | ·0 | ·0 | ·0 | ·0 | | | 30 |
| 31 | ·0 | ✕ | ·11 | ✕ | ·03 | ✕ | ·0 | ·0 | ✕ | ·0 | ✕ | | | 31 |
| TOTAL | 6·60 | ·92 | 3·60 | ·22 | 2·08 | 3·35 | 2·32 | 1·55 | 4·89 | 1·22 | 3·94 | 2·71 | Year's Total 33·40 | |
| * Days with .01 in. or more. | 7 | 6 | 10 | 5 | 6 | 11 | 17 | 7 | 11 | 9 | 13 | 12 | 115 | |
| * Days with .04 in. or more. | 7 | 6 | 10 | 3 | 3 | 10 | 13 | 4 | 11 | 5 | 12 | 10 | 94 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

(*Signed*) ..............................

[P.T.O.

EGGLESTON (WOOD HILL)

COPY FOR OFFICIAL USE.

Section | **A** | for the entry of Daily Observations.

Station No. 3519/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

Kept at Eggleston, Sunny Brae

in the County of ~~Durham~~ /1

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ..................ft.

~~January~~ Mar. and Dec. values estimated by comparison with surrounding stations &c.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | ~~·78~~ | (·09) | – | – | ·04 | – | – | ·14 | ·05 | ·02 | ·48 | | 1 |
| 2 | x | ·17 | (·03) | ·93 | – | ·04 | – | – | ·03 | ·02 | – | ·23 | | 2 |
| 3 | ·83 | ·30 | (·01) | – | ·24 | ·23 | ·15 | – | ·01 | – | – | ·48 | | 3 |
| 4 | x | – ✓ | (·06) | ·23 | ·14 | ·01 | ·10 | ·44 | – | – | – | – (·10) | | 4 |
| 5 | x | – ✓ | (·05) | – | ·05 | ·09 | ·07 | – | ·43 | – | – | – (·30) | | 5 |
| 6 | ·09 | ·17 – | (·05) | – | ·12 | ·01 | – | – | ·09 | – | ·17 | – (·20) | | 6 |
| 7 | ·01 | – x | (·07) | ·22 | ·26 | ·04 | – | – | ·07 | ·01 | ·09 | – (·30) | | 7 |
| 8 | – | – x ·90 | (·13) | ·12 | – | ·04 | ·17 | ·21 | – | – | ·03 | – (·10) | | 8 |
| 9 | – | – x | (·16) | – | ·04 | – | ·38 | ·15 | – | – | – | – (·30) | | 9 |
| 10 | – | – x | – | ·07 | ·23 | ·06 | ·01 | – | – | – | ·22 | – (·10) | | 10 |
| 11 | – | – | (1·78) | ·06 | ·05 | – | – | – | ·02 | – | – | – (·45) | | 11 |
| 12 | ·25 | – x | (·73) | ·14 | ·01 | ·15 | – | ·06 | ·07 | – | – | – (·20) | | 12 |
| 13 | – | ·23 ✓ | (·01) | ·01 | – | ·18 | – | – | ·06 | – | – | – (·10) | | 13 |
| 14 | – | ·05 | (·01) | – | – | – | – | ·04 | ·03 | – | – | – (·20) | | 14 |
| 15 | – | ·47 | – | ·20 | – | – | ·25 | ·14 | ·13 | – | – | – (·19) | | 15 |
| 16 | ·11 | ·20 | (·45) | ·32 | – | ·19 | – | – | ·03 | ·01 | ·02 | – (·45) | | 16 |
| 17 | ·25 | ·01 | (·18) | ·18 | ·06 | ·09 | – | – | ·70 | – | – | – | | 17 |
| 18 | ·02 | ·21 | (·01) | ·01 | – | ·17 | – | ·01 | ·05 | – | – | – | | 18 |
| 19 | – | ·02 | – | ·08 | – | ·08 | – | ·14 | ·15 | – | – | – | | 19 |
| 20 | ·37 | – | (·03) | ·05 | ·01 | ·03 | – | – | ·01 | – | – | – | | 20 |
| 21 | ·09 | – | (·09) | ·04 | ·67 | – | ·45 | – | – | – | – | (·08) | | 21 |
| 22 | x | – | (·22) | – | ·37 | – | ·02 | – | – | ·01 | – | – | | 22 |
| 23 | x ·64 | – | – | ·01 | ·09 | – | ·12 | – | – | ·84 | ·38 | ·05 | | 23 |
| 24 | x | – x | – | – | ·12 | – | ·14 | – | ·07 | ·19 | ·01 | ·01 | | 24 |
| 25 | x | – x | ·01 | – | ·04 | – | – | ·18 | – | ·35 | – | – | | 25 |
| 26 | x | ·71 x | – | – | ·47 | – | – | – | – | – | ·03 | ·01 | | 26 |
| 27 | ~~·23~~ | – x ·50 | – | ·14 | – | – | – | – | ·01 | ·61 | – | ·02 | | 27 |
| 28 | 1·50 x | – x | – | – | – | ·03 | – | – | ·01 | ·18 | – | ·02 | | 28 |
| 29 | – x | – | – | – | – | ·01 | – | – | – | ·14 | – | ·07 | | 29 |
| 30 | – x | ✕ | ·02 | – | – | ·01 | – | – | – | ·01 | ·03 | ·03 | | 30 |
| 31 | – x | ✕ | – | ✕ | ·08 | ✕ | – | ·04 | ✕ | ·18 | ✕ | ·01 | | 31 |
| TOTAL | 4·16 ~~2·89~~ | 3·94 ~~3·32~~ | (4·11) ~~·03~~ | 2·81 | 3·05 | 1·28 | 1·86 | 1·41 | 2·11 | 2·60 | 1·00 | (4·48) | Year's Total (32·81) ~~30·92~~ | |
| * Days with .01 in. or more. | 21 ~~15~~ | 22 ~~12~~ | (21) | 17 | 18 | 18 | 11 | 10 | 19 | 13 | 10 | (25) | (265) ~~189~~ | |
| * Days with .04 in. or more. | 17 ~~10~~ | ~~10~~ 17 | (13) | 14 | 16 | 11 | 9 | 9 | 11 | 8 | 4 | (19) | (148) ~~137~~ | |

Gauge snowbound

Print &B

40-9999.

† Spare column, no entries required.

(Signed) .................................................. [P.T.O.

E.A. SMITH ESQ

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3519/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Eggleston, ~~Stanny Brae~~ (Wood Hill)
in the County of Durham
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft..........in.
" Ground " Sea Level ..................ft.

Entry on Dec 23rd estimated from nearby stations. Observer notified. Dec 27-31st days corrected for W.D.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | .19 | | .02 | .04 | 1.42 | .26 | — | .01 | — | .19 | .26 | | 1 |
| 2 | | .04 | | .20 | | .02 | — | .01 | .01 | 1.02 | .16 | — | | 2 |
| 3 | .08 | .04 | | | | | .05 | — | .06 | 1.03 | .17 | — | | 3 |
| 4 | .09 | | | | | | .04 | .02 | — | .40 | — | .35 | | 4 |
| 5 | | .06 | .09 | | | | .04 | — | .07 | .15 | .03 | .08 | | 5 |
| 6 | .19 | | | | | .11 | .10 | — | — | .13 | .01 | .05 | | 6 |
| 7 | | | | | | | .60 | .01 | .34 | .32 | — | .02 | | 7 |
| 8 | .39 | | | .01 | | .02 | .13 | .02 | — | 1.06 | .10 | .24 | | 8 |
| 9 | .02 | .30 | .05 | | .05 | .08 | .07 | .29 | — | — | — | .35 | | 9 |
| 10 | | .01 | | | | .05 | .03 | — | — | .19 | — | .12 | | 10 |
| 11 | .13 | | | | | | .24 | — | — | .11 | .02 | .08 | | 11 |
| 12 | .33 | | | | .04 | .11 | — | .47 | — | .26 | .34 | — | | 12 |
| 13 | .07 | | | | .01 | | .02 | — | .19 | .12 | .38 | .22 | | 13 |
| 14 | .64 | | | | .03 | | — | .07 | — | .02 | — | .07 | | 14 |
| 15 | .28 | .26 | .13 | | | | .09 | .01 | .02 | .09 | — | .38 | | 15 |
| 16 | .22 | .07 | .05 | | .54 | | .15 | .03 | .09 | .03 | .04 | — | | 16 |
| 17 | .01 | | | .01 | .29 | | .01 | — | .04 | .47 | — | — | | 17 |
| 18 | .10 | | | | | | — | .08 | .01 | .18 | .24 | — | | 18 |
| 19 | | .04 | .19 | | .05 | .02 | — | .32 | .10 | — | .31 | .70 | | 19 |
| 20 | .11 | | .23 | | | | — | .02 | .12 | — | — | .58 | | 20 |
| 21 | | | .02 | | | | — | .01 | — | — | — | .34 | | 21 |
| 22 | | .02 | | | | .09 | — | — | — | — | .25 | .26 | | 22 |
| 23 | .08 | | | .01 | .19 | .16 | .14 | — | — | — | .32 | .19 ~~1.95~~ | 3 | 23 |
| 24 | .23 | | .04 | .02 | | | ✓ | .70 | .14 | .25 | .11 | .01 | | 24 |
| 25 | .13 | | .02 | | .05 | | + | .01 | — | .46 | .22 | — | | 25 |
| 26 | | .24 | .07 | | .01 | .10 | .68 | — | .01 | .17 | — | — | | 26 |
| 27 | .17 | .05 | | | .27 | .47 | + | .17 | .01 | .04 | .20 | .01 | | 27 |
| 28 | — | .10 | .03 | | .72 | .46 | + | .02 | — | — | .06 | .04 | | 28 |
| 29 | .21 | | .04 | .03 | .38 | .07 | .05 | .01 | — | — | .10 | .01 | | 29 |
| 30 | .18 | ✕ | | | .03 | .02 | .02 | .08 | .27 | .05 | .44 | .02 | | 30 |
| 31 | .49 | ✕ | .04 | ✕ | .22 | ✕ | — | .04 | ✕ | .17 | ✕ | .03<br>.32 | | 31 |
| TOTAL | 4.15 | 1.42 | 1.00 | .30 | 2.92 | 3.20 | 2.72 | 2.39 | 1.49 | 6.72 | 3.69 | 4.68 ~~6.12~~ | Year's Total ~~36.12~~ | 34.68 |
| * Days with .01 in. or more. | ~~22~~ 21 | 13 | 13 | 7 | 16 | 15 | ~~19~~ 21 | 20 | 16 | 22 | 20 | ~~23~~ 24 | ~~207~~ 208 | |
| * Days with .04 in. or more. | 19 | 11 | 10 | 1 | 12 | 11 | ~~15~~ 16 | 9 | 10 | 20 | 17 | ~~17~~ 18 | ~~153~~ 154 | |

GB 7/3/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Ed. Smith

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 35 19/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

Kept at Eggleston, Wood Hill
in the County of Durham
Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft. ........ in.
,, Ground ,, Sea Level ........ ft.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·32 | ·01 | —✓ | — | — | — | ·05 | ·29 | — | ·45 | ·03 | — | | 1 |
| 2 | — | — | — | — | — | — | ·15 | — | ·95✓ | ·10 | ·19 | ·07 | | 2 |
| 3 | — | — | ·03 | ·21 | — | — | ·05 | ·79 | — | ·04 | ·09 | — | | 3 |
| 4 | x | — | ·18 | ·13 | — | — | ·60 | ·50 | — | ·18 | ·08 | ·15 | | 4 |
| 5 | — | — | ·65 | — | ·08 | — | ·41 | ·08 | — | ·48 | ·48 | ·21 | | 5 |
| 6 | x ·26 | — | ·11 | — | — | — | ·29 | — | — | ·— | ·3 | — | | 6 |
| 7 | x | ·11 | ·30 | — | — | — | ·13 | — | — | ·14 | ·03 | ·20 | | 7 |
| 8 | x | ·22 | ·10 | ·04 | — | — | ·19 | — | — | | ·13 | ·02 | | 8 |
| 9 | ·11 | ·12 | — | — | — | — | ·05 | — | — | 1·21 | ·1 | ·01 | | 9 |
| 10 | ·03 | ·03 | — | — | — | ·01 | — | ·23 | ·19 | ·04 | — | ·18 | | 10 |
| 11 | ·23 | ·05 | ·16 | — | — | ·27 | — | ·07 | ·13 | ·50 | ·04 | ·19 | | 11 |
| 12 | ·05 | ·20 | — | — | ·09 | — | — | — | — | ·82 | — | ·01 | | 12 |
| 13 | — | — | — | ·08 | — | ·28 | ·05 | — | ·06 | ·56 | ·14 | — | | 13 |
| 14 | ·02 | — | — | ·02 | ·22 | ·56 | ·39 | — | — | ·15 | ·33 | ·02 | | 14 |
| 15 | ·67 | — | ·05 | ·04 | 06 | ·30 | ·24 | — | — | — | ·01 | ·01 | | 15 |
| 16 | ·38 | ·04 | ·18 | ·08 | ·33✓ | — | ·01 | — | — | — | ·13 | — | | 16 |
| 17 | ·20 | ·06 | — | ·24 | ·03 | — | ·06 | — | — | — | ·01 | — | | 17 |
| 18 | ·60 | ·03 | ·06 | — | — | ·04 | ·11 | — | ·03 | ·18 | ·61 | — | | 18 |
| 19 | ·24 | — | — | — | — | ·16 | ·09 | — | — | — | — | ·06 | | 19 |
| 20 | ·05 | — | — | — | — | ·10 | — | — | — | — | — | — | | 20 |
| 21 | ·50 | ·19 | ·04 | ·07 | — | — | — | 1·27 | — | — | — | ·01 | | 21 |
| 22 | ·48 | ·39 | ·02 | — | — | — | — | ·32 | — | — | ·01 | — | | 22 |
| 23 | ·07 | ·22 | — | ·07 | — | — | ·02 | ·09 | — | — | — | — | | 23 |
| 24 | — | — | ·02 | ·20 | — | ·03 | — | ·04 | — | — | — | — | | 24 |
| 25 | ·29 | ·02 | ·09 | ·05 | — | ·11 | — | ·20 | — | — | ·37 | ·05 | | 25 |
| 26 | ·14 | ·09 | ·29 | — | — | ·02 | — | ·29 | — | ·34 | — | — | | 26 |
| 27 | ·08 | ·27 | ·65 | ·01 | — | ·11 | ·03 | — | — | ·45 | ·15 | — | | 27 |
| 28 | — | ·21 | ·72 | ·13 | — | ·10 | ·12 | ·02 | — | ·27 | ·07 | — | | 28 |
| 29 | ·07 | | ·07 | — | — | ·11 | ·46 | — | — | ·98 | ·18 | — | | 29 |
| 30 | ·17 | ✕ | — | ·01 | — | ·10 | ·72 | — | — | ·16 | ·59 | — | | 30 |
| 31 | ·02 | ✕ | — | ✕ | — | ✕ | ·13 | ·03 | ✕ | ·13 | ✕ | — | | 31 |
| TOTAL | 5·01 | 2·26 | 3·72 | 1·38 | ·81 | 2·30 | 4·35 | 4·22 | 1·36 | 7·18 | 4·07 | 1·19 | Year's Total<br>37.85 | |
| * Days with .01 in. or more. | 25<br>22 | 14 | 18 | 15 | 6 | 15 | 22 | 14 | 5 | 19 | 22 | 14 | 192 | |
| * Days with .04 in. or more. | 19 | 13 | 15 | 12 | 5 | 12 | 19 | 12 | 4 | 19 | 17 | 8 | 158 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ........................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3519/5.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Eggleston, (Wood Hill)
in the County of Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level ~~1200~~ 1000 ft. 1000.

BRITISH RAINFALL ORGANIZATION.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | - | - | .02 | - | - | - | - | - | - | .08 | .05 | | 1 |
| 2 | - | .13 | - | .02 | - | - | - | - | - | - | .24 | .09 | | 2 |
| 3 | .05 | .07 | - | .23 | - | - | .06 | - | - | tr | - | .02 | | 3 |
| 4 | - | .32 | - | - | - | - | .22 | - | - | 09 | .11 | .06 | | 4 |
| 5 | - | - | - | - | .12 | - | - | tr | - | .13 | .03 | .12 | | 5 |
| 6 | - | .11 | - | - | - | - | - | - | - | .57 | .21 | .35 | | 6 |
| 7 | .02 | .45 | - | .03 | .09 | - | - | - | .09 | .21 | .01 | - | | 7 |
| 8 | - | - | - | - | - | - | - | .09 | - | 20 | tr | - | | 8 |
| 9 | - | - | .02 | - | - | - | .41 | .16 | .03 | .65 | .49 | .11 | | 9 |
| 10 | - | - | .07 | - | - | - | .81 | .02 | - | - | .25 | - | | 10 |
| 11 | - | .01 | .25 ✓ | - | - | - | 1.06 | - | - | - | .54 | - | | 11 |
| 12 | - | - | .77 | - | - | tr | .02 | - | .23 | - | .01 | - | | 12 |
| 13 | - | .04 | 39 | - | - | - | .14 | - | - | - | - | - | | 13 |
| 14 | - | .34 | - | .07 | - | - | .20 | - | - | - | - | .21 | | 14 |
| 15 | .01 | - | .09 | .10 | .15 | .02 | - | - | - | - | .11 | .08 | | 15 |
| 16 | .31 | .02 | .03 | - | - | - | .24 | - | 1.20 | - | .30 | - | | 16 |
| 17 | - | .03 | .14 | - | - | - | .82 | - | .16 | .19 | .95 | .02 | | 17 |
| 18 | - | .07 | - | - | - | - | - | .04 | .22 | - | .53 | - | | 18 |
| 19 | - | .12 | .24 | 03 | - | - | .15 | - | 03 | .35 | .29 | .14 | | 19 |
| 20 | - | - | - | - | - | - | .07 | .22 | - | - | .09 | - | | 20 |
| 21 | .05 | - | .20 | 29 | - | .19 | - | - | - | - | .01 | - | | 21 |
| 22 | .01 | - | .03 | .24 | .08 | .16 | - | - | .20 | .85 | .12 | .01 | | 22 |
| 23 | - | .01 | .08 | 33 | - | - | .03 | - | .06 | 12 | .21 | - | | 23 |
| 24 | .27 | .03 | .04 | .10 | - | - | - | - | - | 12 | - | - | | 24 |
| 25 | .29 | .02 | - | - | - | .01 | - | - | - | - | - | .01 | | 25 |
| .98 26 | .04 | .02 | .01 | - | .33 | .01 | .37 | .11 | - | - | .14 | - | | 26 |
| 27 | .03 | .35 | - | .09 | - | - | .08 | - | - | .01 | - | - | | 27 |
| 28 | .13 | .65 | - | .02 | .31 | - | - | .01 | - | - | - | .03 | | 28 |
| 29 | .05 | .34 | .21 | .02 | .15 | - | - | - | - | - | - | .02 | | 29 |
| 30 | .19 | ✗ | .02 | .01 | - | - | - | - | - | .49 | - | .35 | | 30 |
| 31 | .25 | ✗ | 36 | ✗ | - | ✗ | - | - | ✗ | .19 | ✗ | .52 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1.70 | 3.13 | 2.95 | 1.60 | 1.25 | .39 | 4.68 | .65 | 2.22 | 4.17 | 4.72 | 2.19 | 29.65 | |
| * Days with .01 in. or more. | 14 | 19 | 17 | 15 | 7 | 5 | 15 | 7 | 9 | 14 | 20 | 17 | 159 | |
| * Days with .04 in. or more. | 10 | 12 | 12 | 8 | 7 | 2 | 13 | 5 | 7 | 13 | 16 | 11 | 116 | |

† Spare column; no entries required.

* See Instruction 3 (f) on other side.

(Signed) Edward Smith

[P.T.O.

3520

Section **A** for the entry of D

AIR MINISTRY.

Y FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

# REGIST

3520

MIDDLETON-IN-TEESDALE

1931—40

780701

*Kept at* Middleton-in-Te

*in the County of* Durha

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

**THE MORNING MEASUR**

*An observer who does not conform to th*
*year in the space on the right of this*

Pl

50 Dec 21st–31st

2/5/32

ving

Jan. 1, following

| Date | Jan. | Feb. | March | A | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·06 | — | — | Trace | Trace | — | ·27 | ·09 | Trace | — | 1 |
| 2 | — | ·06 | — | ·62 | — | ·88 | ·01 | — | ·80 | Trace | Trace | ·23 | 2 |
| 3 | — | — | — | — | — | ·14 | ·16 | — | ·64 | Trace | ·94 | ·60 | 3 |
| 4 | — | ·07 | — | ·20 | — | — | — | — | ·51 | | ·14 | ·40 | 4 |
| 5 | — | — | — | — | — | — | ·61 | Trace | Trace | Trace | Trace | | 5 |
| 6 | — | ·19 | ·46 | — | — | 1·22 | — | ·33 | Trace | ·06 | ·39 | | 6 |
| 7 | — | ·05 | | — | ·23 | | ·42 | ·26 | — | ·05 | | Trace | 7 |
| 8 | — | | | — | — | | ·32 | ·09 | ·07 | ·33 | ·14 | — | 8 |
| 9 | — | ·44 | ·55 | ·40 | Trace | ·28 | | ·03 | — | ·26 | ·20 | Trace | 9 |
| 10 | Trace | ·10 | — | — | Trace | ·28 | | ·02 | — | — | ·19 | — | 10 |
| 11 | 1·10 | ·40 | — | — | ·09 | ·07 | | Trace | — | — | ·15 | — | 11 |
| 12 | ·20 | ·07 | — | — | — | ·11 | | — | — | ·33 | Trace | — | 12 |
| 13 | — | ·56 | — | Trace | ·14 | Trace | ·01 | ·04 | — | — | ·30 | — | 13 |
| 14 | ·01 | | — | — | ·30 | ·61 | ·25 | ·59 | — | — | | — | 14 |
| 15 | Trace | ·34 | — | ·24 | | ·04 | ·19 | ·16 | — | — | Trace | — | 15 |
| 16 | ·25 | ·25 | — | ·99 | | Trace | | ·92 | ·19 | — | — | — | 16 |
| 17 | — | ·24 | — | | — | Trace | | ·06 | — | — | Trace | — | 17 |
| 18 | ·11 | — | — | ·47 | — | — | Trace | — | — | Trace | ·55 | Trace | 18 |
| 19 | ·02 | ·07 | — | ·01 | — | ·53 | Trace | ·48 | — | Trace | Trace | — | 19 |
| 20 | — | — | — | ·05 | — | | — | ·08 | — | — | ·14 | — | 20 |
| 21 | ·09 | — | — | ·27 | ·02 | | — | ·08 | — | — | ·14 | Trace | 21 |
| 22 | ·25 | ·30 | — | | ·31 | | ·19 | — | — | — | | — | 22 |
| 23 | ·48 | Trace | — | ·05 | ·30 | — | Trace | — | — | ·14 | | Trace | 23 |
| 24 | | ·05 | — | ·42 | — | — | ·02 | — | Trace | Trace | ·28 | Trace | 24 |
| 25 | — | ·11 | — | ·09 | Trace | — | — | — | Trace | — | Trace | — | 25 |
| 26 | — | — | — | ·04 | — | — | — | — | Trace | — | Trace | +·50 | 26 |
| 27 | ·24 | ·10 | — | ·12 | — | — | ·08 | — | — | ·17 | ·53 | Trace | 27 |
| 28 | ·24 | | ·02 | ·10 | ·65 | — | Trace | — | — | — | ·10 | Trace | 28 |
| 29 | ·48 | X | — | — | ·94 | — | ·4~~2~~3 | — | Trace | ·47 | — | Trace | 29 |
| 30 | — | X | — | — | | ·01 | — | — | — | — | — | Fair | 30 |
| 31 | ·25 | X | Trace | X | — | X | ·07 | — | X | — | X | Trace | 31 36.88 |
| TOTAL | 3·42 | 3·70 ~~3·14~~ | 1·39 | 4·07 | 3·04 | 4·20 | 2·46 | 3·44 | 2·48 | 1·90 | 4·12 | 2.03 ~~1·53~~ | YEAR'S TOTAL [illegible] |
| *Days with ·01 in. or more. | ~~14~~ | ~~20~~ | ~~6~~ | ~~17~~ | ~~12~~ | ~~13~~ | ~~3~~ | ~~13~~ | ~~6~~ | ~~9~~ | ~~13~~ | ~~3~~ | ~~129~~ |
| *Days with ·04 in. or more. | 12 | 19 | 5 | 16 | 11 | 12 | 18 | 11 | 6 | 9 | 13 | 3 | 135 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) J Grainger

M

3520

Section **A** for the entry of Daily Observations. 14.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Middleton-in-Teesdale

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 740 ft.

a accepts this version. 24/12/32.

Dec 3/4" low

906 sent 26/4/32 suggesting ·50" Dec 21st–31st

Observer concurs, says probably due to interference. 2/5/32

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·06 | — | — | Trace | Trace | — | ·24 | ·09 | Trace | — | 1 |
| 2 | — | ·06 | — | ·62 | — | ·88 | ·01 | — | ·80 | Trace | Trace | ·23 | 2 |
| 3 | — | — | — | — | — | ·14 | ·10 | — | ·64 | Trace | ·94 | ·60 | 3 |
| 4 | — | ·04 | — | ·20 | — | — | — | — | ·51 | | ·14 | | 4 |
| 5 | — | — | — | — | — | — | ·61 | Trace | Trace | Trace | Trace | ·40 | 5 |
| 6 | — | ·19 | | — | — | | — | ·33 | Trace | ·06 | ·39 | | 6 |
| 7 | — | ·05 | ·46 | — | ·23 | 1·22 | ·42 | ·26 | — | ·05 | | Trace | 7 |
| 8 | — | | | — | — | | | ·09 | ·04 | ·33 | ·14 | — | 8 |
| 9 | — | ·44 | ·55 | ·40 | Trace | ·28 | | ·03 | — | ·26 | ·20 | Trace | 9 |
| 10 | Trace | ·10 | — | — | Trace | ·28 | ·32 | ·02 | — | — | ·19 | — | 10 |
| 11 | 1·10 | ·70 | — | — | ·09 | ·04 | | Trace | — | — | ·15 | — | 11 |
| 12 | ·20 | ·04 | — | — | — | ·11 | | — | — | ·33 | Trace | — | 12 |
| 13 | — | ·56 | — | Trace | ·14 | Trace | ·01 | ·04 | — | — | ·30 | — | 13 |
| 14 | ·01 | | — | — | | ·61 | ·25 | ·59 | — | — | | — | 14 |
| 15 | Trace | ·34 | — | ·24 | ·30 | ·04 | | ·16 | — | — | Trace | — | 15 |
| 16 | ·25 | ·25 | — | ·99 | | Trace | ·19 | ·92 | ·19 | — | — | — | 16 |
| 17 | — | ·24 | — | | — | Trace | | ·06 | — | — | Trace | — | 17 |
| 18 | ·11 | — | — | ·47 | — | — | Trace | — | — | Trace | ·55 | Trace | 18 |
| 19 | ·02 | ·04 | — | ·01 | — | | Trace | ·48 | — | Trace | Trace | — | 19 |
| 20 | — | — | — | ·05 | — | ·53 | — | ·08 | — | — | ·14 | — | 20 |
| 21 | ·09 | — | — | ·24 | ·02 | | — | ·08 | — | — | | Trace | 21 |
| 22 | ·25 | ·30 | — | | ·31 | | ·19 | — | — | — | ·14 | — | 22 |
| 23 | ·48 | Trace | — | ·05 | ·30 | — | Trace | — | — | ·14 | | Trace | 23 |
| 24 | | ·05 | — | ·42 | — | — | ·02 | — | Trace | Trace | ·28 | Trace | 24 |
| 25 | — | ·11 | — | ·09 | Trace | — | — | — | Trace | — | Trace | — | 25 |
| 26 | — | — | — | ·04 | — | — | — | — | Trace | — | Trace | +·50 | 26 |
| 27 | ·24 | ·10 | — | ·12 | — | — | ·08 | — | — | ·17 | ·53 | Trace | 27 |
| 28 | ·24 | | ·02 | ·10 | ·65 | — | Trace | — | — | — | ·10 | Trace | 28 |
| 29 | ·48 | ~~×~~ | — | — | ·94 | — | ·43 | — | Trace | ·47 | — | Trace | 29 |
| 30 | — | × | — | — | | ·01 | — | — | — | — | — | Fair | 30 |
| 31 | ·25 | × | Trace | × | — | × | ·04 | — | × | — | × | Trace | 31 36·88 |
| TOTAL | 3·42 | 3·70<br>~~3·14~~ | 1·39 | 4·07 | 3·04 | 4·20 | 2·46 | 3·44 | 2·48 | 1·90 | 4·12 | 2.03<br>~~1·53~~ | YEAR'S TOTAL<br>~~36·35~~ |
| *Days with ·01 in. or more. | ~~14~~ | ~~20~~ | ~~6~~ | ~~14~~ | ~~12~~ | ~~13~~ | ~~3~~ | ~~13~~ | ~~6~~ | ~~9~~ | ~~13~~ | ~~3~~ | 129 |
| *Days with ·04 in. or more. | ~~12~~ | ~~19~~ | 5 | ~~16~~ | 11 | ~~12~~ | 18 | 11 | 6 | 9 | 13 | 3 | 135 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J. Grainger

319

3520

**Section** A for the entry of Daily Observations. ·92×388/29

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Middleton in Teesdale School

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level ..........ft.

April see file

13–15
apr 9 + 11 } esti from snow [illegible]

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | - | | 06 | | | | | | ·27 | 09 | | | 1 |
| 2 | | ·06 | | ·62 | | ·88 | 01 | | ·80 | | | ·23 | 2 |
| 3 | | | | | | ·14 | 16 | | ·64 | | ·97 | ·60 | 3 |
| 4 | | ·07 | | ·40 | | | | | ·51 | | ·14 | | 4 |
| 5 | | | | | | | ·61 | | | | | ·70 | 5 |
| 6 | | ·19 | | | | | | ·33 | trace | ·06 | | | 6 |
| 7 | | | ·76 | | 23 | 1·22 | ·42 | 26 | | ·05 | 39 | | 7 |
| 8 | | 05 | | | | | | 09 | ·07 | ·33 | ·14 | | 8 |
| 9 | | 44 | 55 | (·05) | | ·28 | | 03 | | ·26 | 20 | | 9 |
| 10 | | 10 | | | | ·28 | ·32 | 02 | | | ·19 | | 10 |
| 11 | 1·10 | 70 | | (·10) | 09 | ·07 | | | | | ·15 | | 11 |
| 12 | 20 | 07 | | | | ·11 | | | | 33 | | | 12 |
| 13 | | | (·35) | | ·17 | | 01 | 04 | | | | | 13 |
| 14 | 01 | 34 | | | | 61 | ·25 | ·59 | | | ·30 | | 14 |
| 15 | | | | ·24 | ·36 | 07 | | 16 | | | | | 15 |
| 16 | ·25 | ·25 | | | | | 19 | 92 | ·19 | | | | 16 |
| 17 | | ·24 | | ·99 | | | | 06 | | | | | 17 |
| 18 | 11 | | | ·47 | | | | | | | ·55 | | 18 |
| 19 | 02 | 07 | | ·01 | | | | 78 | | | | | 19 |
| 20 | | | | ·05 | | ·53 | | 08 | | | | | 20 |
| 21 | 09 | 30 | | | ·02 | | | 08 | | | ·14 | | 21 |
| 22 | 25 | | | ·27 | 31 | | 19 | | | | | | 22 |
| 23 | | | | ·05 | 30 | | | | | ·14 | 28 | | 23 |
| 24 | 48 | 05 | | 42 | | | 02 | | trace | | | | 24 |
| 25 | | 11 | | 09 | | | | | trace | | | | 25 |
| 26 | | | | 04 | | | | | trace | | ·53 | | 26 |
| 27 | ·24 | | | 12 | | | 08 | | | ·17 | 10 | | 27 |
| 28 | 24 | 10 | ·02 | 10 | 65 | | | | | | | | 28 |
| 29 | 48 | | | | | | 43 | | trace | 47 | | | 29 |
| 30 | | ✕ | | | ·94 | ·01 | | | trace | | | | 30 |
| 31 | 25 | ✕ | | ✕ | | ✕ | ·07 | | ✕ | | ✕ | | 31 |
| TOTAL | 3·72 | 3·14 | ~~1·39~~ 1·744 | (4·02) | 3·07 | 4·20 | 2·76 | 3·44 | 2·48 | 1·90 | 4·08 | 1·53 | YEAR'S TOTAL 36·08 |
| *Days with ·01 in. or more. | 15 ~~14~~ | 21 | 8 ~~6~~ | 18 | 12 | 15 | | 13 | 6 | 9 | 13 | 3 | |
| *Days with ·04 in. or more. | 12 | 19 | ~~5~~7 | 16 | 11 | 13 | | 11 | 6 | 9 | | | |

40-9999

April gauge [illegible] with

*See Instruction 2 (f) on other side.

(Signed) J. Grainger

[P.T.O.

3520

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations.

Station No 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Middleton-in-Teesdale

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 740 ft.

Est pt Dec measurement on Jan 10th 1933 1.52.

Dec pt est from reading of 1.52 taken on 10/1/33.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | Trace | — | — | — | ·21 | — | Trace | — | ·86 | 1·08 | ·24 | ·23 | 1 |
| 2 | Trace | Trace | — | — | ·69 | Trace | ·15 | — | | | ·21 | | 2 |
| 3 | ·93 | Trace | — | ·34 | — | Trace | | — | ·46 | Trace | ·12 | ·83 | 3 |
| 4 | Trace | Trace | — | Trace | ·06 | Trace | 1·03 | — | | Trace | | | 4 |
| 5 | ·70 | ·10 | ·46 | ·07 | ·19 | | — | — | ·12 | — | — | Trace | 5 |
| 6 | ·33 | — | | Trace | | — | — | — | ·10 | | | — | 6 |
| 7 | — | — | ·58 | Trace | ·25 | ·12 | ·06 | — | ·12 | 1·31 | — | — | 7 |
| 8 | — | Trace | Trace | | | — | — | — | ·69 | | Trace | — | 8 |
| 9 | Trace | ·14 | Trace | 1·72 | ·39 | — | — | — | | | — | | 9 |
| 10 | Trace | ·16 | Trace | | — | — | — | — | ·43 | | — | ·28 | 10 |
| 11 | ·58 | Trace | Trace | Trace | ·43 | — | ·53 | — | | | | | 11 |
| 12 | ·25 | — | — | — | ·41 | — | — | ·12 | Trace | 1·06 | ·18 | Trace | 12 |
| 13 | Trace | ·60 | — | Trace | | — | — | — | ·76 | | | ·12 | 13 |
| 14 | ·25 | — | ·20 | Trace | ·29 | — | ·56 | — | — | | ·11 | ·08 | 14 |
| 15 | ·35 | — | — | | | — | — | Trace | — | | ·15 | ·25 | 15 |
| 16 | ·52 | — | Trace | ·20 | | — | — | ·17 | — | ·45 | Trace | | 16 |
| 17 | Trace | — | — | — | Trace | — | ·23 | ·21 | — | Trace | — | ·81 | 17 |
| 18 | Trace | — | | — | — | — | — | Trace | — | — | | | 18 |
| 19 | — | — | Trace | Trace | ·18 | — | — | Trace | — | ·15 | Trace | Trace | 19 |
| 20 | — | — | | ·38 | | — | — | Trace | — | ·24 | | Trace | 20 |
| 21 | — | — | ·38 | — | ·51 | — | ·10 | ·85 | — | | ·16 | ·06 | 21 |
| 22 | — | — | ·23 | ·45 | | — | — | Trace | — | 1·30 | ·78 | | 22 |
| 23 | — | Trace | — | | — | Trace | — | — | — | | ·25 | | 23 |
| 24 | — | Trace | — | — | Trace | — | ·83 | — | ·52 | ·15 | Trace | | 24 |
| 25 | — | Trace | — | ·24 | ·23 | — | — | ·14 | | ·41 | | | 25 |
| 26 | — | — | ·19 | — | ·09 | — | | — | ·15 | ·27 | 1·12 | ·40 | 26 |
| 27 | — | — | ·09 | ·24 | | ·42 | ·18 | — | — | ·17 | | | 27 |
| 28 | — | Trace | ·52 | ·31 | ·52 | ·08 | | — | — | | — | | 28 |
| 29 | — | — | ·22 | Trace | | ·32 | | ·32 | ·15 | ·33 | ·19 | | 29 |
| 30 | — | × | ·25 | — | — | ·29 | 1·68 | Trace | ·14 | | ·11 | | 30 |
| 31 | — | × | Trace | × | — | × | | ·24 | × | Trace | × | | 31 |
| TOTAL | 3·91 | 1·00 | 3·12 | 3·95 | ~~4·34~~ 4 45 | 1·23 | 5·35 | 2·05 | 4·80 | 4·22 | 3·62 | 3.06 | YEAR'S TOTAL 43·76 |
| *Days with ·01 in. or more. | ~~8~~ | ~~4~~ | 10 | 9 | 23 | 5 | 15 | 4 | 17 | 25 | 16 | | |
| *Days with .04 in. or more. | ~~8~~ | ~~4~~ | 10 | 9 | 23 | 5 | 15 | 4 | 17 | 25 | 16 | | |

40-9999 M

*See Instruction 2 (f) on other side,

*(Signed)* John Grainger

P.T.O.

3520

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~3520~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Middleton-in-Teesdale
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 740 ft.

January plotted before amendments
Value 25 0.1
Addition of ·60 inch
906 sent 18/4/34 enquiring
to period January 1st – 9th.
Observer agrees. 21/4/34.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | ·18 | ·10 | ·07 | Trace | – | – | – | | – | ·06 | – | | 1 |
| 2 | | ·02 | ·08 | | – | – | – | – | Trace | – | ·43 | – | | 2 |
| 3 | | | | Trace | ·36 | – | – | – | | – | | – | | 3 |
| 4 | +·60 | ·72 | ·51 | Trace | ·10 | – | – | | – | – | ·35 | – | | 4 |
| 5 | ·52 | | | Trace | | – | Trace | ·15 | – | – | | – | | 5 |
| 6 | | ·06 | ·30 | Trace | 1·05 | – | – | | – | | Trace | ·04 | | 6 |
| 7 | | ·05 | Trace | | | – | | – | – | 1·25 | – | Trace | | 7 |
| 8 | | ·02 | ·06 | ·14 | Trace | – | ·21 | Trace | – | | – | | | 8 |
| 9 | | ·65 | Trace | | ·12 | | | Trace | – | ·44 | ·15 | ·36 | | 9 |
| 10 | ·06 | | | Trace | Trace | ·14 | Trace | Trace | – | ·28 | – | | | 10 |
| 11 | Trace | ·03 | Trace | Trace | ·12 | | ·17 | | – | ·25 | – | Trace | | 11 |
| 12 | Trace | | | | | ·20 | ·08 | ·23 | – | – | – | ·10 | | 12 |
| 13 | | Trace | Trace | | ·27 | Trace | ·14 | | – | | ·11 | Trace | | 13 |
| 14 | ·12 | Trace | ·11 | | | – | | Trace | – | ·44 | ·51 | – | | 14 |
| 15 | | Trace | ·09 | | – | Trace | ·28 | ·12 | | | ·48 | | | 15 |
| 16 | ·13 | Trace | ·03 | | ·23 | | | – | Trace | ·44 | ·52 | Trace | | 16 |
| 17 | ·15 | | | | Trace | ·54 | – | Trace | | – | | | | 17 |
| 18 | ·06 | ·19 | ·90 | ·52 | Trace | | Trace | | – | – | ·76 | Trace | | 18 |
| 19 | Trace | | | | | ·33 | ·42 | ·58 | ·18 | – | | – | | 19 |
| 20 | – | Trace | – | | ·15 | ·07 | – | | ·06 | | ·01 | – | | 20 |
| 21 | – | Trace | – | | | | – | ·11 | ·07 | ·42 | ·02 | – | | 21 |
| 22 | – | ·03 | – | | – | ·26 | – | Trace | | | – | | | 22 |
| 23 | – | ·06 | – | | Trace | | – | Trace | ·45 | Trace | ·02 | ·05 | | 23 |
| 24 | Trace | | – | | ·21 | – | Trace | – | | ·07 | | | | 24 |
| 25 | – | | – | ·22 | Trace | – | Trace | | 1·21 | ·04 | ·04 | ·01 | | 25 |
| 26 | – | | – | ·25 | | – | – | Trace | – | ·11 | | ·03 | | 26 |
| 27 | – | 1·99 | – | Trace | ·10 | – | ·10 | | Trace | | ·03 | | | 27 |
| 28 | – | | – | | | – | | ·55 | – | 1·11 | Trace | Trace | | 28 |
| 29 | – | | Trace | ·79 | – | – | ·48 | ·03 | | | – | | | 29 |
| 30 | Trace | × | Trace | | – | – | | – | ·02 | ·06 | – | ·12 | | 30 |
| 31 | ·82 | × | | × | Trace | × | – | ·06 | × | ·05 | × | Trace | | 31 "d." |
| TOTAL | 2·46 ~~1·86~~ | 4·00 | 2·16 | 1·99 | 2·71 | 1·57 | 1·88 | 1·83 | 1·99 | 4·96 | 3·49 | ·71 | Year's Total ~~29·17~~ | 29·77. |
| *Days with ·01 in. or more. | ~~8~~ | ~~22~~ | ~~13~~ | ~~10~~ | ~~18~~ | ~~14~~ | ~~14~~ | ~~14~~ | ~~9~~ | ~~21~~ | ~~21~~ | ~~7~~ | ~~171~~ | |
| *Days with ·04 in. or more. | ~~8~~ | ~~16~~ | ~~12~~ | ~~10~~ | ~~16~~ | ~~14~~ | ~~14~~ | ~~13~~ | ~~7~~ | ~~21~~ | ~~14~~ | ~~5~~ | ~~152~~ | |

40-9999

*See Instruction 2 (*f*) on other side.

D M

† Spare column, no entries required

(*Signed*) John Grainger

[P.T.O.

copy for Arch.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Middleton in Teesdale

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 740 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | Trace | ·02 | – | – | – | – | Trace | – | – | – | – | | 1 |
| 2 | ·04 | | | Trace | – | – | – | – | ·18 | – | | ·49 | | 2 |
| 3 | ·11 | ·03 | ·27 | – | – | – | – | | – | ·29 | ·39 | ·23 | | 3 |
| 4 | ·21 | | | ·27 | | – | – | 1·68 | Trace | ·49 | | ·78 | | 4 |
| 5 | ·05 | Trace | | ·09 | ·72 | – | – | | – | | ·15 | ·29 | | 5 |
| 6 | ·14 | – | ·21 | Trace | | Trace | – | | ·05 | ·84 | ·09 | ·08 | | 6 |
| 7 | ·32 | ·09 | ·02 | ·07 | ·07 | Trace | – | – | – | | – | | | 7 |
| 8 | – | – | – | – | ·13 | | – | Trace | – | ·23 | – | ·26 | | 8 |
| 9 | ·01 | – | | ·42 | – | ·57 | – | Trace | – | ·03 | | | | 9 |
| 10 | ·03 | – | 1·47 | ·14 | – | | Trace | | ·02 | Trace | 1·78 | Trace | | 10 |
| 11 | ·30 | – | | ·89 | | – | – | ·60 | – | – | | ·16 | | 11 |
| 12 | | – | 1·15 | ·22 | ·07 | – | | | – | | ·03 | ·10 | | 12 |
| 13 | ·56 | – | ·04 | | | – | ·84 | Trace | – | ·40 | ·05 | – | | 13 |
| 14 | | – | ·30 | ·07 | ·04 | | | – | | | ·04 | | | 14 |
| 15 | ·09 | – | ·13 | | ·48 | ·28 | | – | ·06 | ·18 | ·06 | ·37 | | 15 |
| 16 | ·49 | – | | – | ·05 | | – | – | | ·11 | | | | 16 |
| 17 | ·42 | – | ·83 | – | ·06 | | ·58 | – | ·18 | ·15 | ·10 | ·33 | | 17 |
| 18 | ·49 | – | | Trace | | ·10 | – | | ·08 | | | ·13 | | 18 |
| 19 | | – | ·09 | ·14 | | ·04 | – | ·18 | ·17 | ·14 | ·01 | Trace | | 19 |
| 20 | Trace | – | ·03 | | ·54 | ·55 | | | ·05 | | – | – | | 20 |
| 21 | | – | – | ·08 | | | Trace | ·13 | | | Trace | | | 21 |
| 22 | Trace | – | ·01 | | | | | ·17 | ·71 | ·41 | Trace | ·13 | | 22 |
| 23 | Trace | | | ·44 | – | ·15 | ·14 | – | | ·38 | | | | 23 |
| 24 | Trace | ·05 | ·16 | ·02 | ·04 | | – | – | ·34 | ·83 | Trace | | | 24 |
| 25 | ·03 | | | ·21 | | – | Trace | – | ·24 | ·40 | | ·75 | | 25 |
| 26 | | Trace | | ·83 | Trace | ·11 | | – | ·10 | | – | | | 26 |
| 27 | ·19 | ·08 | – | | | ·12 | ·24 | – | ·02 | 1·59 | – | ·26 | | 27 |
| 28 | | – | ·01 | ·57 | – | ·24 | | ·22 | | | – | ·55 | | 28 |
| 29 | Trace | × | ·02 | | – | – | | ·21 | ·55 | ·04 | – | | | 29 |
| 30 | ·10 | × | ·01 | – | – | – | – | – | | ·43 | – | ·24 | | 30 |
| 31 | ·03 | × | – | × | – | × | – | – | × | ·03 | × | ·16 | | 31 |
| TOTAL | 3·62 | ·25 | 4·77 | 4·46 | 2·20 | 2·16 | 1·80 | 3·19 | 2·75 | 6·97 | 2·70 | 5·31 | Year's Total. 40·18 | |
| * Days with .01 in. or more. | ~~22~~ | ~~8~~ | ~~27~~ | ~~21~~ | ~~18~~ | ~~17~~ | ~~10~~ | ~~14~~ | ~~20~~ | ~~27~~ | ~~16~~ | ~~26~~ | ~~226~~ | |
| * Days with .04 in. or more. | ~~18~~ | ~~2~~ | ~~20~~ | ~~14~~ | ~~15~~ | ~~16~~ | ~~10~~ | ~~14~~ | ~~15~~ | ~~22~~ | ~~11~~ | ~~26~~ | ~~183~~ | |

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* See Instruction 2 (f) on other side.

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† Spare column, no entries required.

(*Signed*) J Granger

[P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Middleton in Teesdale School

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | ·02 | | | | | | | | | | | 1 |
| 2 | ·04 | | | | | | | | ·18 | | | ·49 | | 2 |
| 3 | ·11 | ·03 | ·27 | | | | | | | ·29 | ·39 | 23 | | 3 |
| 4 | ·21 | | | ·27 | | | | 1·68 | | 49 | | ·78 | | 4 |
| 5 | 05 | | | ·09 | ·72 | | | | | | ·15 | 29 | | 5 |
| 6 | 14 | | 21 | | | | | | 05 | 84 | ·09 | ·08 | | 6 |
| 7 | ·32 | ·09 | 02 | 07 | ·07 | | | | | | | | | 7 |
| 8 | | | | | ·13 | | | | | 23 | | ·26 | | 8 |
| 9 | ·01 | | | 42 | | ·57 | | | | ·03 | | | | 9 |
| 10 | ·03 | | 1·47 | ·14 | | | | | ·02 | | 1·78 | | | 10 |
| 11 | ·30 | | | 89 | | | | ·60 | | | | 16 | | 11 |
| 12 | | | 1·15 | 22 | ·07 | | | | | | ·03 | ·10 | | 12 |
| 13 | 56 | | 04 | | | | ·84 | | | 40 | ·05 | | | 13 |
| 14 | | | ·30 | 07 | ·04 | | | | | | ·04 | | | 14 |
| 15 | 09 | | ·13 | | 48 | 28 | | | 06 | 18 | ·06 | 37 | | 15 |
| 16 | 49 | | | | ·05 | | | | | ·11 | | | | 16 |
| 17 | 42 | | ·83 | | ·06 | | ·58 | | ·18 | ·15 | ·10 | 33 | | 17 |
| 18 | 49 | | | | | ·10 | | | ·08 | | | ·13 | | 18 |
| 19 | | | 09 | ·14 | | 04 | | 18 | ·17 | 14 | ·01 | | | 19 |
| 20 | | | ·03 | | ·54 | 55 | | | ·05 | | | | | 20 |
| 21 | | | | ·08 | | | | 13 | | | | | | 21 |
| 22 | | | ·01 | | | | | ·17 | 71 | 41 | | ·13 | | 22 |
| 23 | | | | 44 | | ·15 | ·14 | | | 38 | | | | 23 |
| 24 | | ·05 | 16 | ·02 | ·04 | | | | 34 | ·83 | | | | 24 |
| 25 | 03 | | | 21 | | | | | ·24 | 40 | | ·75 | | 25 |
| 26 | | | | 83 | | ·11 | | | ·10 | | | | | 26 |
| 27 | ·19 | ·08 | | | | 12 | ·24 | | ·02 | 1·59 | | ·26 | | 27 |
| 28 | | | ·01 | ·57 | | 24 | | 22 | | | | ·55 | | 28 |
| 29 | | | ·02 | | | | | ·21 | ·55 | ·04 | | | | 29 |
| 30 | ·10 | ✕ | ·01 | | | | | | | ·43 | | ·24 | | 30 |
| 31 | ·03 | ✕ | | ✕ | | ✕ | | | ✕ | 03 | ✕ | ·16 | | 31 Small d |
| TOTAL | 3·61 | ·25 | 4·77 | 4·46 | 2·20 | 2·16 | 1·80 | 3·19 | 2·75 | 6·97 | 2·70 | 5·31 | Year's Total 40·17 | |
| *Days with ·01 in. or more. | ~~22~~ | ~~8~~ | | | | | | | | | | | | |
| *Days with ·04 in. or more. | ~~19~~ | ~~2~~ | | | | | | | | | | | | |

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*)..........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Middleton-in-Teesdale

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 740 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | | | — | — | — | ·10 | — | ·30 | ·10 | | ·40 | | 1 |
| 2 | — | ·34 | ·34 | ·01 | — | ·06 | — | — | ·21 | ·50 | ·55 | ·01 | | 2 |
| 3 | — | | | ·15 | — | ·04 | ·05 | — | ·08 | — | | ·04 | | 3 |
| 4 | — | Trace | ·10 | — | — | ·19 | ·10 | — | Trace | | ·02 | — | | 4 |
| 5 | | ·69 | · | | — | ·12 | — | Trace | ·04 | ·46 | Trace | — | | 5 |
| 6 | ·36 | — | — | ·25 | — | | — | — | — | | ·01 | | | 6 |
| 7 | | — | — | | — | | — | — | — | ·09 | ·27 | ·19 | | 7 |
| 8 | ·02 | | | ·24 | — | 1·09 | — | — | — | ·08 | | | | 8 |
| 9 | ·01 | Trace | Trace | 1·26 | — | | — | — | — | ·34 | ·90 | ·03 | | 9 |
| 10 | ·01 | | | | — | | Trace | Trace | — | ·35 | | — | | 10 |
| 11 | | ·06 | — | ·05 | — | | — | ·14 | Trace | | ·15 | ·37 | | 11 |
| 12 | ·41 | ·10 | — | | — | ·02 | — | Trace | — | ·19 | — | Trace | | 12 |
| 13 | | ·11 | — | ·19 | ·25 | Trace | — | — | | | ·02 | | | 13 |
| 14 | Trace | ·02 | ·12 | | ·01 | | ·03 | Trace | ·75 | — | ·46 | ·17 | | 14 |
| 15 | — | | | ·36 | ·08 | ·09 | — | — | | ·12 | | | | 15 |
| 16 | — | 2·08 | ·10 | ·45 | ·20 | | ·04 | ·08 | ·57 | Trace | 1·23 | ·14 | | 16 |
| 17 | — | | | ·32 | | ·21 | Trace | — | ·19 | ·03 | | — | | 17 |
| 18 | | ·24 | — | | ·05 | Trace | — | — | ·25 | | ·07 | ·02 | | 18 |
| 19 | — | ·22 | — | ·84 | | ·22 | ·35 | — | ·16 | ·74 | ·11 | — | | 19 |
| 20 | | ·88 | — | | — | | — | — | | | ·60 | — | | 20 |
| 21 | — | ·43 | ·04 | | — | — | — | — | 2·27 | ·10 | ·24 | — | | 21 |
| 22 | — | | · | ·27 | — | — | — | — | | Trace | | — | | 22 |
| 23 | ·02 | 1·29 | ·62 | ·09 | — | — | — | ·24 | ·02 | ·25 | ·08 | — | | 23 |
| 24 | ·16 | | | — | — | — | — | — | ·85 | ·03 | | ·35 | | 24 |
| 25 | | ·10 | ·10 | — | — | ·03 | | Trace | — | | ·16 | ·11 | | 25 |
| 26 | ·27 | — | — | — | — | ·18 | ·15 | ·50 | ·11 | ·26 | ·02 | ·24 | | 26 |
| 27 | | Trace | — | — | — | — | | ·03 | | | ·22 | | | 27 |
| 28 | ·01 | — | — | — | — | — | — | ·09 | ·28 | ·14 | ·26 | ·25 | | 28 |
| 29 | — | X | | — | — | — | — | ·06 | | ·41 | ·60 | | | 29 |
| 30 | — | ✕ | ·16 | — | — | ·24 | — | ·10 | ·44 | 1·13 | | — | | 30 |
| 31 | ·04 | ✕ | | ✕ | — | ✕ | — | ·10 | ✕ | ·14 | ✕ | ·15 | | 31 |
| TOTAL | 1·39 | 6·56 | 1·58 | 4·48 | ·59 | 2·49 | ·82 | 1·34 | 6·82 | 5·46 | 5·97 | 2·14 | Year's Total<br>3967 | |
| * Days with .01 in. or more. | ~~17~~ | ~~19~~ | ~~17~~ | ~~19~~ | ~~6~~ | ~~20~~ | ~~7~~ | ~~9~~ | ~~21~~ | ~~27~~ | [illegible] | [illegible] | [illegible] | |
| * Days with .04 in. or more. | ~~12~~ | ~~18~~ | ~~14~~ | ~~18~~ | ~~3~~ | ~~17~~ | ~~6~~ | ~~8~~ | ~~20~~ | ~~25~~ | ~~23~~ | ~~11~~ | ~~181~~ | |

d.

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) John Grainger [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Middleton in Teesdale School

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft. ............ in.

,, Ground ,, Sea Level ............ ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·35 | | ·67 | ·01 | | ·01 | | | ·31 | · | ·11 | ·02 | | 1 |
| 2 | ·02 | ·05 | ·06 | | | ·20 | ·07 | ·29 | ·02 | · | ·13 | ·04 | | 2 |
| 3 | | | | | | 1·46 | | ·02 | ·54 | · | — | ·03 | | 3 |
| 4 | ·35 | | ·07 | | | ·07 | | ·02 | | | ·27 | | | 4 |
| 5 | | | ·03 | | | | | ·01 | ·79 | ·01 | ·53 | ·50 | | 5 |
| 6 | ·11 | | | | | | ·07 | ·72 | | · | | | | 6 |
| 7 | ·03 | | ·62 | | | | ·19 | | ·18 | | ·71 | ·05 | | 7 |
| 8 | ·26 | | | | | | | | ·02 | ·02 | | ·01 | | 8 |
| 9 | 1·08 | | ·18 | | | | ·39 | | ·20 | · | ·18 | ·20 | | 9 |
| 10 | | | ·03 | | | | | | ·07 | ·08 | ·11 | ·58 | | 10 |
| 11 | ·65 | | | ·62 | | | | ·20 | | | ·74 | | | 11 |
| 12 | | | | | | | ·16 | ·04 | ·48 | · | ·49 | 1·23 | | 12 |
| 13 | | | | ·20 | | ·29 | ·02 | | | ·03 | | | | 13 |
| 14 | | | | ·15 | | | ·14 | | 1·97 | ·03 | ·64 | ·35 | | 14 |
| 15 | | | | ·22 | | ·03 | ·04 | ·09 | ·01 | ·03 | | ·20 | | 15 |
| 16 | | | | ·04 | ·30 | ·09 | ·02 | | — | · | ·44 | ·02 | | 16 |
| 17 | | ·48 | | | | | | ·04 | — | ·42 | ·39 | ·55 | | 17 |
| 18 | | ·14 | | ·07 | | | ·28 | ·29 | — | · | ·02 | | | 18 |
| 19 | | ·13 | ·03 | | | | | ·13 | — | 11 | — | ·19 | | 19 |
| 20 | | ·20 | | ·03 | | ·34 | ·09 | | — | tr | | | | 20 |
| 21 | 1·30 | | ·25 | | | | | | — | tr | | ·08 | | 21 |
| 22 | | ·59 | | | | ·35 | ·07 | | — | tr | | ·02 | | 22 |
| 23 | | | ·08 | ·13 | 1·65 | | ·39 | | — | | — | - | | 23 |
| 24 | | | | | | | | ·03 | ·77 | 1·40 | — | - | | 24 |
| 25 | | ·21 | ·03 | ·04 | | | ·42 | | | | TR | | | 25 |
| 26 | | ·24 | ·43 | | | | | | ·85 | ·37 | TR | - | | 26 |
| 27 | ·08 | | | | | | ·04 | | | ·22 | | | | 27 |
| 28 | ·41 | 1·34 | ·44 | | | | ·47 | | — | · | TR | - | | 28 |
| 29 | ·14 | | | | | ·78 | ·05 | | — | ·14 | | ·04 | | 29 |
| 30 | ·03 | × | ·07 | | ·54 | ·10 | ·19 | | — | ·20 | ·01 | ·14 | | 30 |
| 31 | | × | ·11 | × | | × | | | × | | × | ·96 | | 31 |
| TOTAL | 4·81 | 3·38 | 3·10 | 1·51 | 2·49 | 3·72 | 3·10 | 1·88 | 6·15 | 3·06 | 4·77 | 5·21 | Year's Total 43·18 | |
| * Days with .01 in. or more. | | | | | | | | | | | 18 | 25 | ·· | |
| * Days with .04 in. or more. | | | | | | | | | | | 16 | 20 | ·· | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. Grainger

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

Kept at Middleton-in-Teesdale School

in the County of Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

Dec accumulation amended

Copy by B.R.O.

Circ 7. sent for Dec. 12.1.38

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | – | ·25 | – | – | ·04 | ·01 | – | ·27 | | – | ·42 | | 1 |
| 2 | ·29 | ·44 | ·29 | | – | ·15 | | – | ·05 | ·09 | ·005 | ·36 | | 2 |
| 3 | | ·21 | ·01 | ·63 | ·31 | ·23 | ·09 | – | | | ·01 | ·61 | | 3 |
| 4 | ·36 | – | ·36 | | ·21 | | | ·21 | 1·12 | – | ·005 | ·15 | | 4 |
| 5 | ·60 | | – | ·18 | ·13 | ·09 | ·09 | – | | – | | ·42 | | 5 |
| 6 | ·11 | ·47 | ·26 | ·17 | ·17 | | – | | ·11 | – | ·16 | ·09 | | 6 |
| 7 | ·02 | | | ·29 | | ·10 | – | ·02 | ·12 | – | | – | | 7 |
| 8 | | ·28 | ·09 | ·04 | ·26 | ·05 | ·17 | | ·005 | | ·04 | | | 8 |
| 9 | | | ·02 | | | ·005 | | ·04 | – | ·02 | ·01 | | | 9 |
| 10 | | ·14 | ·01 | ·10 | ·16 | – | ·33 | ·10 | – | | ·16 | | | 10 |
| 11 | – | – | | | ·04 | | | – | – ·09 | – | – | 3 ~~1~~·02 | | 11 |
| 12 | ·25 | | | ·10 | – | ·36 | – | ·32 | x | – | | | | 12 |
| 13 | – | ·38 | 1·0 | – | – | | – | | ·05 | – | ·005 | | | 13 |
| 14 | – | | | – | – | – | ·25 | ·35 | ·02 | – | | | | 14 |
| 15 | | ·67 | | ·18 | – | – | – | | ·20 | – | – | | | 15 |
| 16 | ·38 | ·37 | ·32 | | | ·32 | | ·10 | ·08 | – | ·01 | ·21 | | 16 |
| 17 | | ·05 | ·37 | ·36 | ·04 | ·05 | ·02 | – | x | – | – | | | 17 |
| 18 | – | ·15 | ·10 | | | | | ·10 | 1·38 | – | ·16 | ·03 | | 18 |
| 19 | – | | | ·16 | – | ·20 | – | ·03 | x | – | | | | 19 |
| 20 | ·40 | ·27 | ·05 | ·04 | ·92 | | – | | ·01 | – | ·78 | ·06 | | 20 |
| 21 | ·09 | | | ·05 | | – | ·01 | ·07 | ·01 | ·005 | | ·13 | | 21 |
| 22 | | – | ·10 | ·01 | ·23 | – | ·36 | | ·005 | | ·03 | ·04 | | 22 |
| 23 | ·75 | – | – | · | | – | | – | – | 1·13 | ·06 | ·02 | | 23 |
| 24 | | ·10 | ·10 | ·01 | ·06 | – | ·35 | – | x | | ·005 | ·10 | | 24 |
| 25 | ·09 | ·56 | ·10 | | ·04 | | | ·04 | ·08 | ·24 | – | | | 25 |
| 26 | ·04 | | | – | ·34 | – | – | – | x | ·01 | | ·12 | | 26 |
| 27 | ·03 | ·91 | ·03 | ·14 | – | | – | | ·005 | ·76 | ·01 | | | 27 |
| 28 | ·02 | | | ·01 | | ·10 | – | ·01 | ·005 | ·18 | | ·02 | | 28 |
| 29 | | – | – | – | ·01 | ·03 | – | | – | | – | ·10 | | 29 |
| 30 | 1·03 | ✕ | ·01 | – | | ·05 | – | – | – | ·20 | ·06 | ·01 | | 30 |
| 31 | | ✕ | – | ✕ | ·02 | ✕ | – | ·05 | ✕ | | ✕ | ·04 | | 31 |
| TOTAL | 4·46 | 5·00 | 3·47 | 2·47 | 2·94 | 1·775 | 1·68 | 1·44 | 3·69 | 2·625 | 1·51 | 5 9 ~~8·85~~ | Year's Total ~~35·00~~ 37 | |
| * Days with .01 in. or more. | 23 | 23 | 28 | 20 | 18 | 19 | 15 | 13 | 19 | 15 | 16 | 31 | ~~240~~ | |
| * Days with .04 in. or more. | 20 | 23 | 19 | 19 | 17 | 15 | 10 | 10 | 13 | 11 | 11 | 25 | 193 | |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) ............................................................ [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Middleton-in-Teesdale School.

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 740 ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·05 | ·04 | ·005 | | ·02 | 1·56 | | ·005 | Tr | 1·65 | ·30 | ·005 | | 1 |
| 2 | | ·02 | | ·50 | | ·07 | ·19 | tr | | | ·30 | | | 2 |
| 3 | ·04 | ·13 | | | ·005 | | | tr | ·13 | 1·90 | 30 | ·60 | | 3 |
| 4 | ·10 | | | ·01 | | ·02 | — | ·01 | | ·605 | | | | 4 |
| 5 | ·005 | ·06 | ·06 | ·005 | | | ·05 | | ·10 | ·30 | ·40 | ·11 | | 5 |
| 6 | ·30 | | | ·01 | | ·05 | ·12 | ·05 | ·005 | ·20 | | ·09 | | 6 |
| 7 | | — | 01 | | ·005 | ·01 | ·10 | | ·23 | | ·20 | ·10 | | 7 |
| 8 | ·24 | ·01 | | | | ·003 | | ·20 | ·005 | 2·10 | ·10 | ·40 | | 8 |
| 9 | | ·42 | ·06 | ·01 | ·08 | ·06 | ·80 | tr | | | — | | | 9 |
| 10 | ·16 | ·03 | ·005 | | | | | ·30 | ·02 | ·35 | ·01 | 63 | | 10 |
| 11 | ·19 | ·01 | | ·01 | | ·16 | ·24 | tr | | ·17 | | | | 11 |
| 12 | ·33 | | ·01 | ·005 | ·13 | | ·02 | | ·02 | ·40 | 1·10 | ·01 | | 12 |
| 13 | ·20 | ·09 | | ·005 | | | ·01 | ·25 | ·04 | ·15 | | ·005 | | 13 |
| 14 | | | | | ·15 | | ·005 | | ·02 | | ·005 | ·60 | | 14 |
| 15 | 1·33 | ·20 | 0·25 | | | | | ·30 | ·01 | ·50 | ·015 | ·01 | | 15 |
| 16 | | ·09 | ·09 | ·01 | ·73 | | ·35 | ·75 | | | ·015 | | | 16 |
| 17 | ·005 | ·02 | ·10 | | ·34 | | | ·20 | ·30 | ·60 | ·005 | ·20 | | 17 |
| 18 | ·01 | | | ·02 | ·03 | ·04 | tr | ·06 | | ·26 | | | | 18 |
| 19 | ·10 | ·005 | 1·00 | | ·15 | | tr | | ·11 | ·006 | ·70 | ·40 | | 19 |
| 20 | ·04 | | | ·02 | | ·01 | tr | ·005 | ·15 | ·008 | | ·40 | | 20 |
| 21 | | — | ·02 | ·03 | 05 | ·02 | tr | | ·09 | | ·01 | ·40 | | 21 |
| 22 | ·30 | ·025 | | | | ·10 | | tr | ·005 | ·005 | ·10 | ·20 | | 22 |
| 23 | | ·005 | | ·01 | ·09 | ·10 | ·20 | ·01 | | | ·70 | | | 23 |
| 24 | ·30 | — | ·01 | | ·01 | | | ·75 | ·05 | ·40 | ·40 | ·70 | | 24 |
| 25 | ·06 | | | ·005 | ·10 | ·35 | ·005 | ·01 | | ·40 | | | | 25 |
| 26 | ·15 | ·35 | ·10 | ·02 | 01 | | ·35 | | ·01 | ·30 | ·60 | ·10 | 2 | 26 |
| 27 | ·18 | | | ·005 | | ·75 | ·56 | ·02 | ·005 | ·40 | | ·25 | | 27 |
| 28 | | ·05 | ·03 | ·005 | 1·40 | ·73 | ·005 | | ·01 | | ·15 | ·01 | | 28 |
| 29 | ·51 | × | ·015 | | | ·15 | | ·005 | ·005 | ·01 | ·01 | ·015 | | 29 |
| 30 | | ✕ | 01 | ·04 | ·03 | ·05 | ·50 | ·40 | ~~·04~~ | | ·90 | | | 30 |
| 31 | ·62 | ✕ | 04 | ✕ | ·20 | ✕ | | ·03 | 40 ✕ | ·40 | ✕ | ·70 | d | 31 |
| TOTAL | 5·22 | 1·555 | 1·805 | ·720 | 3·62 | 4·23 | 3·505 | 3·355 | 1·415 | 11·11<br>11·104 | 6·320 | 5·935 | Year's Total<br>49·09 | 49·09 |
| * Days with .01 in. or more. | ~~26~~ | ~~22~~ | ~~21~~ | | | ~~24~~ | ~~23~~ | ~~15~~ | ~~16~~ | | | | | |
| * Days with .04 in. or more. | ~~26~~ | ~~12~~ | ~~12~~ | | | ~~17~~ | ~~21~~ | ~~10~~ | ~~10~~ | | | | | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John Fetter

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Middleton-in-Teesdale School

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 740 ft.

April adj to agree with observer's total.
June & July cor. for arith.
Aug

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

1 in missing

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | TR | ·20 | TR | tr | tr | | tr | | – | ·13 | | | 1 |
| 2 | ·10 | TR | tr<br>·005 | | tr | tr | ·50 | ·005 | ·05 | tr | ·10 | ·05 | | 2 |
| 3 | ·20 | – | | ·05 | tr | tr | ·60 | ·60 | | ·05 | – | | | 3 |
| 4 | ·10 | TR | 1·00 | ·26 | tr | tr | ·05 | | ·25 | ·25 | ·85 | ·005 | | 4 |
| 5 | ·01 | – | | TR | | tr | ·60 | ·005 | ·30 | 1·25 | | ·10 | | 5 |
| 6 | | ·005 | ·24 | TR | ·15 | tr | 1·70 | | ·20 | | ·15 | tr | | 6 |
| 7 | ·40 | ·23 | ·36 | | | tr | | tr | ·005 | tr | ·05 | ·05 | | 7 |
| 8 | | ·40 | ·13 | ·15 | tr | tr | ·50 | tr | | | ·35 | | | 8 |
| 9 | 2·00 | ·15 | tr | | tr | | | ·60 | ·40 | 1·30 | ·30 | ·65 | | 9 |
| 10 | ·10 | – | | TR | tr | ·65 | tr | ·005 | | ·25 | | | | 10 |
| 11 | ·20 | ·50 | ·22 | TR | tr | | tr | | ·30 | ·35 | ·16 | ·005 | | 11 |
| 12 | ·005 | – | | TR | | tr | tr | tr | ·50 | ·005 | + | ·05 | | 12 |
| 13 | | TR | tr | ·16 | ·50 | tr | ·005 | | ·05 | | ·15 | tr | | 13 |
| 14 | 1·40 | TR | tr | | | ·50 | | tr | ·25 | 1·65 | ·10 | ·05 | | 14 |
| 15 | | TR | tr | ·50 | ·005 | ·60 | ·50 | tr | | | ·12 | | | 15 |
| 16 | ·30 | ·005 | ·20 | | ·05 | | | tr | ·05 | tr | tr | ·005 | | 16 |
| 17 | ·25 | – | | ·10 | tr | ·30 | ·40 | tr | | tr | | | | 17 |
| 18 | ·29 | ·30 | ·01<br>~~·005~~ | TR | tr | | tr | | ·005 | ·05 | ·65 | tr | | 18 |
| 19 | ·26 | – | | TR | | ·20 | tr | tr | tr | ·25 | | tr | | 19 |
| 20 | | TR | tr | ·02 | tr | ·30 | tr | | ·005 | | ·005 | tr | | 20 |
| 21 | ·65 | ·20 | ·18 | | | tr | | ·16 | ·05 | ·01 | ·05 | tr | | 21 |
| 22 | | ·40 | ·01 | ·05 | tr | tr | ·05 | ·005 | | | tr | | | 22 |
| 23 | ·05 | TR | tr | | tr | | | tr | tr | tr | ·10 | ·10 | | 23 |
| 24 | TR | | | ·20 | tr | ·05 | tr | tr | | tr | | | | 24 |
| 25 | ·10 | ·50 | ·35 | ·005 | tr | | tr | | ·25 | tr | ·65 | ·15 | | 25 |
| 26 | ·005 | ·18 | | TR | | ·10 | tr | 1·60 | ·005 | ·005 | | ·12 | | 26 |
| 27 | | | ·68 | ·005 | tr | ·20 | ·005 | | tr | | ·45 | tr | | 27 |
| 28 | ·50 | ·50 | ·74 | ·09 | | 1·20 | | ·16 | tr | 1·65 | ·15 | tr | | 28 |
| 29 | | ·18 | ·05 | ~~TR~~ | tr | ·30 | ·60 | tr | | | ·25 | | | 29 |
| 30 | TR | ✕ | tr | | tr | ·60 | | ·005 | ·25 | ·15 | 1·005 | tr | | 30 |
| 31 | TR | ✕ | tr | ✕ | ·005 | ✕ | ·50 | tr | ✕ | ·25 | ✕ | | | 31 |
| TOTAL | 6·92 | 3·37 | 4·37 | 1·59 | ·71 | 5<br>~~4~~·00 | 6·01<br>~~5·12~~ | 5<br>3·14 | 2<br>2·915 | 7·47 | 5·770 | 1·335 | Year's Total<br>4861 ✓ | |
| * Days with .01 in. or more. | 17 | | | 19 | 3 | 12 | 11 | | 13 | | 17 | | | |
| * Days with .04 in. or more. | 16 | | | 10 | 3 | 12 | 11 | | 13 | | 14 | | | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ......................................

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3520

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

Kept at Middleton-in-Teesdale School.

in the County of Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 740 ft.

Nov/Dec. totals corr. for arithmetic

BRITISH RAINFALL ORGANIZATION.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | tr | tr | ✓ | ·11 | ·03 | | tr | tr | | tr | – | – | | 1 |
| 2 | tr | – | ·04 | ·18 | TR | tr | ·01 | | tr | tr | ·60 | ·05 | | 2 |
| 3 | tr | ·25+ | – | ·15 | – | tr | ·07 | ·03 | tr | tr | | ·03 | | 3 |
| 4 | ·01 | + | tr | ·01 | TR | tr | ·40 | | tr | | tr | tr | | 4 |
| 5 | – | 1·0 | tr | – | – | tr | | tr | tr | 1·15 | ·02 | ·50 | | 5 |
| 6 | ·27 | ·08 | tr | ·06 | ·01 | tr | ·05 | ·01 | | | ·14 | | | 6 |
| 7 | + | ·40 | tr | + | ·09 | - | | ·08 | 108 | ·17 | ·01 | ·45 | | 7 |
| 8 | ·01 | ·10 | – | ·01 | TR | ·01 | ·03 | ·06 | | ·40 | | | | 8 |
| 9 | tr | | ·05 | tr | TR | | ·50 | | ·06 | ·70 | 1·23 | ·10 | | 9 |
| 10 | ·01 | tr | + | tr | – | tr | ·70 | ·50 | tr | tr | | tr | | 10 |
| 11 | tr | | ·30 | tr | TR | ·01 | ·76 | | ·005 | | ·83 | tr | | 11 |
| 12 | tr– | tr | 1·16 | ✓ | – | tr | | tr | ·208 | tr | ·01 | tr | | 12 |
| 13 | tr– | ·115 | ·05 | ·39 | TR | ·01 | ·30 | tr | | | ·05 | | | 13 |
| 14 | tr– | ·18 | ·10 | + | ·01 | | | ·04 | 106 | tr | tr | ·61 | | 14 |
| 15 | ·03 | tr | ✓ | ·11 | ·16 | ·04 | tr | tr | | ·01 | | | | 15 |
| 16 | ·14 | – | ·20 | tr | TR | | ·18 | | 1·7 | ·30 | 1·00 | ·05 | | 16 |
| 17 | tr | ·045 | + | tr | – | tr | ·75 | ·06 | ·23 | tr | | ·01 | | 17 |
| 18 | tr | + | ·30 | ·27 | TR | tr | tr | | ·24 | | ·15 | ·15 | | 18 |
| 19 | + | ·08 | ·20 | + | – | ·01 | | ·01 | ·20 | ·18 | ·30 | ·25 | | 19 |
| 20 | ·10 | tr | ·01 | ·31 | TR | tr | ·67 | ·26 | | | ·15 | | | 20 |
| 21 | + | tr | ·10 | – | TR | | | tr | ·17 | ·24 | ·17 | tr | | 21 |
| 22 | ·01 | ·23 | – | tr | ·07 | ·37 | tr | ·01 | | ·45 | | | | 22 |
| 23 | tr | + | ·05 | ·45 | TR | | ·01 | | ·04 | ·18 | ·25 | tr | | 23 |
| 24 | ·45 | ·175 | – | ·08 | + | tr | ·02 | tr | tr | ·15 | | ·06 | | 24 |
| 25 | ·01 | | ·25 | tr | ·79 | ·07 | tr | | tr | | tr | tr | | 25 |
| 1·17 26 | + | ·11 | ·15 | – | + | ·03 | | ·19 | tr | ·05 | ·18 | tr | | 26 |
| 27 | ·33 | ·15 | ·10 | ·03 | TR | tr | ·04 | tr | | | tr | | | 27 |
| 28 | + | ·68 | ·01 | – | ·10 | | | ·03 | tr | tr | tr | ·09 | | 28 |
| 29 | ·325 | tr | + | ·01 | ·10 | ·03 | ·03 | tr | | ·01 | | | | 29 |
| 30 | ·08 | ✕ | ·66 | tr | TR | | tr | | tr | ·50 | ·10 | ·75 | | 30 Print |
| 31 | ·33 | ✕ | + | ✕ | – | ✕ | tr | tr | ✕ | ·20 | ✕ | ·14 | | 31 Wt |
| TOTAL | 2·105 | ~~3·645~~ 3·595 | 3·69 | 2·17 | 1·36 | ·58 | 4·52 | 1·27 | 3·062 | 4·69 | ~~4·79~~ 5·19 | 3·2~~3~~4 | Year's Total ~~35·72~~ | 35·47 |
| * Days with .01 in. or more. | ~~14~~ 18 | 16 | 20 ~~14~~ | ~~14~~ 18 | 9 11 | 9 | 16 | 12 | ~~12~~ 13 | 15 | 16 | 14 | 178 | |
| * Days with .04 in. or more. | ~~8~~ 12 | 15 | 15 ~~14~~ | ~~10~~ 11 | ~~6~~ 7 | 3 | 10 | 7 | 12 | 13 | 13 | ~~11~~ 12 | 130 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. M. Fettes

[P.T.O.

311

Section **A** for the entry of

AIR MINISTR

FORM 1090.

# REGIS

Kept at NEWBIGGIN

in the County of D

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea I

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of th*

**Please read t**

3521

NEWBIGGIN-IN-TEESDALE
1931,32

780701

3521

**FOR OFFICIAL USE.**
ORGANIZATION.

w for 1931-2

*llowing*

Jan. 1, following.

| *Date* | **Jan.** | **Feb.** | **March** | | | | | | | | **Nov.** | **Dec.** | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | ·02 | ·14 | — | — | — | — | — | ·40 | ·09 | — | — | 1 |
| 2 | — | ·10 | — | — | — | ·89 | — | — | ·69 | — | ·02 | ·27 | 2 |
| 3 | — | ·01 | — | ·68 | — | ·16 | ·19 | — | ·57 | — | 1·29 | ·70 | 3 |
| 4 | — | ·09 | — | ·03 | — | — | — | — | ·94 | ·05 | ·12 | ·28 | 4 |
| 5 | — | ·02 | — | ·26 | ·15 | ·62 | ·09 | — | ·04 | ·02 | — | ·52 | 5 |
| 6 | — | ·16 | ·25 | — | — | ·63 | ·69 | ·23 | ·03 | ·10 | ·32 | — | 6 |
| 7 | — | ·05 | ·24 | — | ·03 | ·21 | — | ·31 | — | ·07 | ·14 | ·08 | 7 |
| 8 | ·07 | ·10 | ·29 | — | ·05 | ·10 | ·43 | ·12 | ·03 | — | ·19 | ·01 | 8 |
| 9 | — | ·46 | ·36 | — | — | ·19 | ·06 | ·15 | — | ·33 | ·17 | — | 9 |
| 10 | — | ·13 | ·12 | ·06 | ·16 | ·28 | ·01 | ·02 | — | ·35 | ·17 | — | 10 |
| 11 | ·11 | 1·00 | — | — | ·04 | ·06 | ·20 | — | ·04 | — | ·15 | — | 11 |
| 12 | ·13 | ·09 | — | ·09 | — | ·02 | ·14 | — | — | ·26 | ·01 | — | 12 |
| 13 | ·06 | ·01 | ·20 | — | ·15 | ·08 | — | ·09 | ·01 | — | — | — | 13 |
| 14 | ·02 | ·07 | ·10 | — | ·21 | ·73 | ·29 | ·64 | — | — | ·32 | ·02 | 14 |
| 15 | ·05 | ·27 | ·06 | — | ·02 | ·07 | ·01 | ·11 | — | — | — | — | 15 |
| 16 | ·45 | ·31 | — | — | ·13 | — | ·04 | ·35 | ·09 | — | — | — | 16 |
| 17 | — | ·40 | — | ·69 | — | ·05 | ·07 | ·19 | — | — | ·14 | — | 17 |
| 18 | ·14 | ·02 | — | ·65 | — | ·36 | ·09 | — | — | ·01 | ·55 | — | 18 |
| 19 | ·03 | ·10 | — | — | — | ·16 | ·08 | ·60 | — | ·09 | ·01 | ·03 | 19 |
| 20 | — | ·16 | — | ·08 | — | — | — | ·11 | — | — | ·15 | ·01 | 20 |
| 21 | ·14 | | ·03 | ·05 | — | ·07 | — | ·03 | — | — | ·05 | — | 21 |
| 22 | ·70 | ·15 | — | ·08 | ·35 | ·01 | ·30 | — | — | — | ·04 | — | 22 |
| 23 | ·14 | | — | ·21 | ·28 | ·27 | — | — | ·02 | ·11 | ·54 | ·14 | 23 |
| 24 | ·62 | ·25 | — | ·36 | ·36 | — | ·02 | — | — | ·04 | ·14 | ·03 | 24 |
| 25 | ·05 | | — | ·20 | ·32 | — | ·04 | — | — | — | ·03 | ·02 | 25 |
| 26 | ·20 | — | — | ·08 | — | — | — | — | — | — | ·56 | — | 26 |
| 27 | ·13 | — | — | ·17 | — | — | ·10 | — | — | ·23 | ·10 | ·05 | 27 |
| 28 | ·25 | ·01 | ·03 | ·12 | ·28 | — | ·02 | — | — | — | — | ·08$^{s}$ | 28 |
| 29 | ·35 | ✕ | ·03 | — | ·18 | — | ·75 | — | — | — | ·01 | ·24$^{s}$ | 29 |
| 30 | ·06 | ✕ | — | ·02 | ·70 | — | ·02 | — | — | — | — | — | 30 |
| 31 | ·20 | ✕ | — | ✕ | ·06 | ✕ | ·09 | — | ✕ | ·01 | ✕ | ·16 | 31 41·15. |
| TOTAL | 3·90 | 3·98 | 1·85 | 3·83 | 3·47 | 4·96 | 3·73 | 2·95 | 2·86 | 1·76 | 5·22 | 2·64 | YEAR'S TOTAL<br>~~42·15~~ |
| Days with ·01 in. or more. | 20 | 25 | 12 | 17 | 17 | 19 | 22 | 13 | 11 | 14 | 23 | 16 | 209 |
| Days with ·04 in. or more. | 18 | 17 | 9 | 15 | 15 | 17 | 18 | 11 | 7 | 11 | 18 | 10. | 166. |

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(Signed) R Coggins.

P.T.O.

311 3521

**Section** **A** for the entry of Com

**FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL ~~OFFICE.—BRITISH~~ RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931..

*Kept at* NEWBIGGIN IN TEESDALE
*in the County of* DURHAM
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 2 in.
,, Ground ,, Sea Level 900+ ft.

Old gauge
not sent in monthly
only new for 1931-2

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following.

**Please read the Notes and Instructions Overleaf.**

| *Date* | **Jan.** | **Feb.** | **March** | **April** | **May** | **June** | **July** | **August** | **Sept.** | **Oct.** | **Nov.** | **Dec.** | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | ·02 | ·14 | — | — | — | — | — | ·40 | ·09 | — | — | 1 |
| 2 | — | ·10 | — | — | — | ·89 | — | — | ·69 | — | ·02 | ·27 | 2 |
| 3 | — | ·01 | — | ·68 | — | ·16 | ·19 | — | ·57 | — | 1·29 | ·70 | 3 |
| 4 | — | ·09 | — | ·03 | — | — | — | — | ·94 | ·05 | ·12 | ·28 | 4 |
| 5 | — | ·02 | — | ·26 | ·15 | ·62 | ·09 | — | ·04 | ·02 | — | ·52 | 5 |
| 6 | — | ·16 | ·25 | — | — | ·63 | ·69 | ·23 | ·03 | ·10 | ·32 | — | 6 |
| 7 | — | ·05 | ·24 | — | ·03 | ·21 | — | ·31 | — | ·07 | ·14 | ·08 | 7 |
| 8 | ·07 | ·10 | ·29 | — | ·05 | ·10 | ·43 | ·22 | ·03 | — | ·19 | ·01 | 8 |
| 9 | — | ·46 | ·36 | — | — | ·19 | ·06 | ·15 | — | ·33 | ·17 | — | 9 |
| 10 | — | ·13 | ·12 | ·06 | ·16 | ·28 | ·01 | ·02 | — | ·35 | ·17 | — | 10 |
| 11 | ·11 | 1·00 | — | — | ·04 | ·06 | ·20 | — | ·04 | — | ·15 | — | 11 |
| 12 | ·13 | ·09 | — | ·09 | — | ·02 | ·14 | — | — | ·26 | ·01 | — | 12 |
| 13 | ·06 | ·01 | ·20 | — | ·15 | ·08 | — | ·09 | ·01 | — | — | — | 13 |
| 14 | ·02 | ·07 | ·10 | — | ·21 | ·73 | ·29 | ·64 | — | — | ·32 | ·02 | 14 |
| 15 | ·05 | ·27 | ·06 | — | ·02 | ·07 | ·01 | ·11 | — | — | — | — | 15 |
| 16 | ·45 | ·31 | — | — | ·13 | — | ·04 | ·35 | ·09 | — | — | — | 16 |
| 17 | — | ·40 | — | ·69 | — | ·05 | ·07 | ·19 | — | — | ·14 | — | 17 |
| 18 | ·14 | ·02 | — | ·65 | — | ·36 | ·09 | — | — | ·01 | ·55 | — | 18 |
| 19 | ·03 | ·10 | — | — | — | ·16 | ·08 | ·60 | — | ·09 | ·01 | ·03 | 19 |
| 20 | — | ·16 | — | ·08 | — | — | — | ·11 | — | — | ·15 | ·01 | 20 |
| 21 | ·14 | | ·03 | ·05 | — | ·07 | — | ·03 | — | — | ·05 | — | 21 |
| 22 | ·70 | ·15 | — | ·08 | ·35 | ·01 | ·30 | — | — | — | ·04 | — | 22 |
| 23 | ·14 | | — | ·21 | ·28 | ·27 | — | — | ·02 | ·11 | ·54 | ·14 | 23 |
| 24 | ·62 | ·25 | — | ·36 | ·36 | — | ·02 | — | — | ·04 | ·14 | ·03 | 24 |
| 25 | ·05 | | — | ·20 | ·32 | — | ·04 | — | — | — | ·03 | ·02 | 25 |
| 26 | ·20 | — | — | ·08 | — | — | — | — | — | — | ·56 | — | 26 |
| 27 | ·13 | — | — | ·17 | — | — | ·10 | — | — | ·23 | ·10 | ·05 | 27 |
| 28 | ·25 | ·01 | ·03 | ·12 | ·28 | — | ·02 | — | — | — | — | ·08$^{s}$ | 28 |
| 29 | ·35 | × | ·03 | — | ·18 | — | ·75 | — | — | — | ·01 | ·24$^{s}$ | 29 |
| 30 | ·06 | × | — | ·02 | ·70 | — | ·02 | — | — | — | — | — | 30 |
| 31 | ·20 | × | — | × | ·06 | × | ·09 | — | × | ·01 | × | ·16 | 31 41·15. |
| TOTAL | 3·90 | 3·98 | 1·85 | 3·83 | 3·47 | 4·96 | 3·73 | 2·95 | 2·86 | 1·76 | 5·22 | 2·64 | YEAR'S TOTAL<br>~~42·15~~ |
| Days with ·01 in. or more. | 20 | 25 | 12 | 17 | 17 | 19 | 22 | 13 | 11 | 14 | 23 | 16 | 209 |
| Days with ·04 in. or more. | 18 | 17 | 9 | 15 | 15 | 17 | 18 | 11 | 7 | 11 | 18 | 10. | 166. |

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M

(Signed) R Coggins

P.T.O.

See new

3521

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* NEWBIGGIN IN TEESDALE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 2" in.

,, Ground ,, Sea Level 900+ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·16 | — | — | ·23 | ·11 | — | — | ·01 | ·54 | ·23 | ·11 | ·26 | 1 |
| 2 | ·65 | — | — | ·01 | ·70 | ·01 | ·13 | — | ·25 | ·14 | ·05 | ·50 | 2 |
| 3 | ·35 | — | — | ·17 | — | ·02 | ·03 | — | ·27 | ·06 | ·14 | ·35 | 3 |
| 4 | ·11 | — | ·02 | ·03 | ·05 | — | ·51 | — | ·02 | — | ·01 | ·04 | 4 |
| 5 | ·81 | ·02 | ·50 | ·16 | ·19 | — | — | ·01 | ·15 | — | — | — | 5 |
| 6 | ·26 | — | ·08 | ·31 | ·13 | — | — | — | ·11 | ·12 | — | ·10 | 6 |
| 7 | ·03 | — | ·59 | ·23 | | ·01 | — | — | ·38 | ·46 | — | — | 7 |
| 8 | — | ·09 | ·04 | ·22 | ·03 | — | ·02 | — | ·37 | ·83 | — | — | 8 |
| 9 | ·28 | ·32 | — | 1·47 | ·30 | — | — | — | ·07 | ·15 | — | ·14 | 9 |
| 10 | ·41 | ·25 | ·04 | ·35 | — | — | — | — | ·64 | ·57 | — | ·15 | 10 |
| 11 | ·04 | ·50 | ·09 | ·04 | ·32 | — | ·46 | — | ·04 | ·01 | ·07 | — | 11 |
| 12 | ·34 | ·04 | — | — | ·24 | — | ·02 | ·07 | ·01 | ·27 | ·04 | — | 12 |
| 13 | ·11 | ·12 | — | ·10 | ·07 | — | ·16 | ·07 | ·56 | ·18 | ·01 | ·17 | 13 |
| 14 | ·20 | ·01 | — | ·08 | — | — | ·21 | — | — | ·09 | ·09 | ·11 | 14 |
| 15 | ·57 | — | — | ·08 | ·25 | — | — | — | — | ·02 | ·18 | ·17 | 15 |
| 16 | ·88 | — | — | — | — | — | ·01 | — | — | ·05 | ·01 | ·81 | 16 |
| 17 | ·06 | — | — | ·06 | — | — | ·25 | — | — | ·63 | — | ·21 | 17 |
| 18 | ·02 | — | — | ·01 | ·09 | — | — | ·02 | ·03 | — | — | ·06 | 18 |
| 19 | — | ·01 | — | ·16 | ·12 | — | — | — | ·02 | ·19 | ·01 | ·07 | 19 |
| 20 | ·02 | — | 02 | ·28 | ·28 | — | — | ·11 | — | ·37 | — | ·07 | 20 |
| 21 | ·01 | — | ·26 | ·02 | ·17 | — | ·06 | ·04 | — | 1·41 | ·18 | ·05 | 21 |
| 22 | — | — | ·38 | ·28 | — | — | ·08 | — | — | ·12 | ·73 | — | 22 |
| 23 | — | ·14 | ·02 | ·14 | ·01 | — | ·19 | — | ·01 | ·03 | ·25 | ·07 | 23 |
| 24 | — | — | ·01 | — | ·06 | — | ·54 | — | ·35 | — | ·03 | ·06 | 24 |
| 25 | — | ·05 | — | ·12 s | ·11 | — | ·02 | ·03 | ·16 | ·35 | ·43 | — | 25 |
| 26 | — | — | — | — | ·14 | — | ·14 | — | ·26 | ·25 | ·45 | — | 26 |
| 27 | — | — | ·20 | ·22 | ·10 | ·50 | ·14 | — | — | ·10 | ·27 | ·02 | 27 |
| 28 | — | 02 | ·09 | ·26 | ·40 | ·21 | ·07 | — | — | ·05 | ·32 | ·08 | 28 |
| 29 | ·03 | — | ·76 | ·08 | ·08 | ·02 | ·68 | ·39 | ·07 | ·24 | ·21 | ·16 | 29 |
| 30 | — | × | ·20 | ·03 | — | ·50 | ·13 | ·07 | ·72 | ·22 | ·10 | ·01 | 30 |
| 31 | — | × | ·02 | × | — | × | ·84 | — | × | ·01 | × | ·11 | 31 |
| TOTAL | 5·34 | 1·57 | 3·32 | 5·14 | ·95<br>3·~~88~~ | 1·27 | 4·72 | 1·42 | 5·03 | 7·15 | 3·69 | 3·77 | YEAR'S TOTAL<br>46·37 |
| *Days with ·01 in. or more. | 20 | 12 | 17 | 26 | 22 | 7 | 21 | 10 | 21 | 27 | 21 | 23 | 227 |
| *Days with ·04 in. or more. | 15 | 8 | 12 | 21 | 20 | 3 | 16 | 6 | 16 | 23 | 16 | 21 | 177 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) R Coggins [P.T.O.

311

3522

**Section** A for the entry of
AIR MINISTRY

FOR OFFICIAL USE.
INFALL ORGANIZATION.

FORM 1090.

# REGIST 1931 .

3522 .

MIDDLETON-IN-TEESDALE

NEWLIGGIN

DURHAM.

1931 - 1940

780701

*Kept a* Middleton in Tees
*in the County of* Durham

Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea L

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·02 | ·14 | | | | | | ·40 | ·09 | | | 1 |
| 2 | | ·10 | | 5 | | ·89 | | | ·69 | | ·02 | ·26 | 2 |
| 3 | | ·01 | | ·685 | | ·16 | ·19 | | ·57 | | 1·27 | ·69 | 3 |
| 4 | | ·09 | | ·035 | | | | | ·94 | ·05 | ·12 | ·28 | 4 |
| 5 | | ·02 | | ·26 | ·15 | ·61 | ·09 | | ·04 | ·02 | | ·52 | 5 |
| 6 | | ·16 | ·25 | | | ·62 | ·69 | ·23 | ·03 | ·10 | ·32 | | 6 |
| 7 | | ·05 | ·24 | | ·03 | ·21 | | ·31 | | ·07 | ·14 | ·08 | 7 |
| 8 | ·07 | ·10 | ·29 | | ·05 | ·10 | ·43 | ·11 | ·03 | | ·19 | ·01 | 8 |
| 9 | | ·46 | ·36 | 5 | | ·19 | ·06 | ·15 | | ·32 | ·17 | | 9 |
| 10 | | ·13 | ·12 | ·06 | ·16 | ·28 | ·01 | ·02 | | ·35 | ·15 | | 10 |
| 11 | ·11 | 1·00 | | 5 | ·04 | ·06 | ·19 | | ·04 | | ·17 | | 11 |
| 12 | ·13 | ·09 | | ·09 | | ·02 | ·14 | | | ·26 | ·01 | | 12 |
| 13 | ·06 | ·01 | ·20 | | ·16 | ·08 | | ·09 | ·01 | | | | 13 |
| 14 | ·02 | ·07 | ·10 | 4 | ·21 | ·72 | ·29 | ·64 | | | ·32 | ·02 | 14 |
| 15 | ·05 | ·27 | ·06 | 4 | ·02 | ·07 | ·01 | ·11 | | | | | 15 |
| 16 | ·45 | ·31 | | 4 | ·13 | | ·04 | ·35 | ·09 | | | | 16 |
| 17 | | ·40 | | ·69 | | ·05 | ·07 | ·19 | | | ·14 | | 17 |
| 18 | ·14 | ·02 | | ·65 | | ·36 | ·09 | | | ·01 | ·53 | | 18 |
| 19 | ·03 | ·10 | | | | ·16 | ·08 | ·60 | | ·09 | ·01 | ·03 | 19 |
| 20 | | x | | ·08 | | | | ·11 | | | ·15 | ·01 | 20 |
| 21 | ·14 | ·16 | ·03 | ·05 | | ·07 | | ·03 | | | ·04 | | 21 |
| 22 | ·70 | ·15 | | ·08 | ·35 | ·01 | ·30 | | | | ·05 | | 22 |
| 23 | ·14 | x | | ·21 | ·28 | ·27 | | | ·02 | ·11 | ·55 | ·14 | 23 |
| 24 | ·62 | ·25 | | ·36 | ·36 | | ·02 | | | ·03 | ·14 | ·03 | 24 |
| 25 | ·05 | x | | ·20 | ·32 | | ·04 | | | | ·03 | ·02 | 25 |
| 26 | ·20 | | | ·08 | | | | | | | ·55 | | 26 |
| 27 | ·13 | | | ·17 | | | ·10 | | | ·23 | ·10 | ·05 | 27 |
| 28 | ·25 | ·01 | ·03 | ·12 | ·28 | | ·02 | | | | | ·08 | 28 |
| 29 | ·35 | | ·03 | | ·18 | | ·75 | | | | ·01 | ·24 | 29 |
| 30 | ·06 | ✕ | | ·02 | ·70 | | ·02 | | | | | | 30 |
| 31 | ·20 | ✕ | | ✕ | ·06 | ✕ | ·09 | | ✕ | ·01 | ✕ | ·16 | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 3·90 | 3·98 | 1·85 | 3·83 | 3·48 | 4·93 | 3·72 | 2·94 | 2·86 | 1·7~~9~~4 | 5·18 | 2·62 | 41·03 |
| *Days with ·01 in. or more. | 20 | 26 | 12 | 17 | 17 | 19 | 22 | 13 | 11 | 14 | 23 | 16 | 210 |
| *Days with ·04 in. or more. | 18 | 20 | 9 | 15 | 15 | 17 | 17 | 11 | 4 | 10 | 18 | 10 | 167 |

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*See Instruction 2 (*f*) on other side.

*(Signed)* R. Coggins

P.T.O.

311

3522

Section **A** for the entry of

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Middleton in Teesdale, Newbiggin
*in the County of* Durham
Diameter of Funnel of Gauge.................in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level ..........ft.

New Gauge.

Cat. corrd. for [illegible]

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| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·02 | ·14 | | | | | | ·40 | ·09 | | | 1 |
| 2 | | ·10 | | | | ·89 | | | ·69 | | ·02 | ·26 | 2 |
| 3 | | ·01 | | ·68 | | ·16 | ·19 | | ·57 | | 1·27 | ·69 | 3 |
| 4 | | ·09 | | ·03 | | | | | ·94 | ·05 | ·12 | ·28 | 4 |
| 5 | | ·02 | | ·26 | ·15 | ·61 | ·09 | | ·04 | ·02 | | ·52 | 5 |
| 6 | | ·16 | ·25 | | | ·62 | ·69 | ·23 | ·03 | ·10 | ·32 | | 6 |
| 7 | | ·05 | ·24 | | ·03 | ·21 | | ·31 | | ·07 | ·14 | ·08 | 7 |
| 8 | ·07 | ·10 | ·29 | | ·05 | ·10 | ·43 | ·11 | ·03 | | ·19 | ·01 | 8 |
| 9 | | ·46 | ·36 | | | ·19 | ·06 | ·15 | | ·32 | ·17 | | 9 |
| 10 | | ·13 | ·12 | ·06 | ·16 | ·28 | ·01 | ·02 | | ·35 | ·15 | | 10 |
| 11 | ·11 | 1·00 | | | ·04 | ·06 | ·19 | | ·04 | | ·17 | | 11 |
| 12 | ·13 | ·09 | | ·09 | | ·02 | ·14 | | | ·26 | ·01 | | 12 |
| 13 | ·06 | ·01 | ·20 | | ·16 | ·08 | | ·09 | ·01 | | | | 13 |
| 14 | ·02 | ·07 | ·10 | | ·21 | ·72 | ·29 | ·64 | | | ·32 | ·02 | 14 |
| 15 | ·05 | ·27 | ·06 | | ·02 | ·07 | ·01 | ·11 | | | | | 15 |
| 16 | ·45 | ·31 | | | ·13 | | ·04 | ·35 | ·09 | | | | 16 |
| 17 | | ·40 | | ·69 | | ·05 | ·07 | ·19 | | | ·14 | | 17 |
| 18 | ·14 | ·02 | | ·65 | | ·36 | ·09 | | | ·01 | ·53 | | 18 |
| 19 | ·03 | ·10 | | | | ·16 | ·08 | ·60 | | ·09 | ·01 | ·03 | 19 |
| 20 | | | | ·08 | | | | ·11 | | | ·15 | ·01 | 20 |
| 21 | ·14 | ·16 | ·03 | ·05 | | ·07 | | ·03 | | | ·04 | | 21 |
| 22 | ·70 | ·15 | | ·08 | ·35 | ·01 | ·30 | | | | ·05 | | 22 |
| 23 | ·14 | | | ·21 | ·28 | ·27 | | | ·02 | ·11 | ·55 | ·14 | 23 |
| 24 | ·62 | ·25 | | ·36 | ·36 | | ·02 | | | ·03 | ·14 | ·03 | 24 |
| 25 | ·05 | | | ·20 | ·32 | | ·04 | | | | ·03 | ·02 | 25 |
| 26 | ·20 | | | ·08 | | | | | | | ·55 | | 26 |
| 27 | ·13 | | | ·17 | | | ·10 | | | ·23 | ·10 | ·05 | 27 |
| 28 | ·25 | ·01 | ·03 | ·12 | ·28 | | ·02 | | | | | ·08 | 28 |
| 29 | ·35 | | ·03 | | ·18 | | ·75 | | | | ·01 | ·24 | 29 |
| 30 | ·06 | ✕ | | ·02 | ·70 | | ·02 | | | | | | 30 |
| 31 | ·20 | ✕ | | ✕ | ·06 | ✕ | ·09 | | ✕ | ·01 | ✕ | ·16 | 31 |
| TOTAL | 3·90 | 3·98 | 1·85 | 3·83 | 3·48 | 4·93 | 3·72 | 2·94 | 2·86 | 1·7~~7~~4 | 5·18 | 2·62 | YEAR'S TOTAL 41·03 |
| *Days with ·01 in. or more. | 20 | 26 | 12 | 17 | 17 | 19 | 22 | 13 | 11 | 14 | 23 | 16 | 210 |
| *Days with ·04 in. or more. | 18 | 20 | 9 | 15 | 15 | 17 | 17 | 11 | 7 | 10 | 18 | 10 | 167 |

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*See Instruction 2 (*f*) on other side.

*(Signed)* R. Coggins

P.T.O.

3522

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AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Middleton-in-Teesdale, Newbiggin

*in the County of* Durham

New gauge.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·16 | | | ·23 | ·11 | | | ·01 | ·54 | ·23 | ·11 | ·26 | 1 |
| 2 | ·64 | | | ·01 | ·70 | ·01 | | | ·25 | ·14 | ·05 | ·50 | 2 |
| 3 | ·35 | | | ·17 | | ·02 | | | ·27 | ·06 | ·14 | ·35 | 3 |
| 4 | ·11 | | ·02 | ·03 | ·05 | | ·50 | | ·02 | | ·01 | ·04 | 4 |
| 5 | ·79 | ·02 | ·50 | ·16 | ·19 | | | ·01 | ·15 | | | | 5 |
| 6 | ·26 | | ·08 | ·31 } | | | | | ·11 | ·12 | | ·10 | 6 |
| 7 | ·03 | | ·59 | ·22 } | ·13 | ·01 | | | ·38 | ·46 | | | 7 |
| 8 | | ·09 | ·04 | ·22 | ·03 | | ·02 | | ·37 | ·85 | | | 8 |
| 9 | ·27 | ·32 | | 1·47 | ·30 | | | | ·07 | ·15 | | ·14 | 9 |
| 10 | ·40 | ·25 | ·04 | ·35 | | | | | ·64 | ·57 | | ·15 | 10 |
| 11 | ·04 | ·50 | ·09 | ·04 | ·32 | | ·46 | | ·04 | ·01 | ·07 | | 11 |
| 12 | ·32 | ·04 | | | ·24 | | | ·07 | ·01 | ·27 | ·04 | | 12 |
| 13 | ·11 | ·12 | | ·10 | ·07 | | ·16 | ·07 | ·56 | ·18 | ·01 | ·17 | 13 |
| 14 | ·19 | ·01 | | ·08 | | | ·20 | | | ·09 | ·09 | ·11 | 14 |
| 15 | ·57 | | | ·08 | ·24 | | | | | ·02 | ·18 | ·17 | 15 |
| 16 | ·87 | | | | | | ·01 | | | ·05 | ·01 | ·81 | 16 |
| 17 | ·06 | | | ·06 | | | ·25 | | | ·62 | | ·21 | 17 |
| 18 | ·02 | | | ·01 | ·09 | | | ·02 | ·03 | | | ·06 | 18 |
| 19 | | ·01 | | ·16 | ·12 | | | | ·02 | ·19 | ·01 | ·07 | 19 |
| 20 | ·02 | | ·02 | ·28 | ·27 | | | ·11 | | ·37 | | ·07 | 20 |
| 21 | ·01 | | ·26 | ·02 | ·16 | | ·06 | ·64 | | 1·41 | ·18 | ·05 | 21 |
| 22 | | | ·38 | ·28 | | | ·08 | | | ·11 | ·73 | | 22 |
| 23 | | ·14 | ·02 | ·14 | ·01 | | ·19 | | ·01 | ·04 | ·25 | ·07 | 23 |
| 24 | | | ·01 | | | | ·54 | | ·35 | | ·03 | ·06 | 24 |
| 25 | | ·05 | | ·12 | ·11 | | ·02 | ·03 | ·16 | ·35 | ·43 | | 25 |
| 26 | | | | | ·14 | | ·14 | | ·26 | ·25 | ·45 | | 26 |
| 27 | | | ·20 | ·22 | ·10 | ·50 | ·13 | | | ·10 | ·27 | ·02 | 27 |
| 28 | | ·02 | ·09 | ·26 | ·40 | ·21 | ·07 | | | ·05 | ·32 | ·08 | 28 |
| 29 | ·03 | | ·76 | ·08 | ·08 | ·02 | ·68 | ·39 | ·07 | ·24 | ·21 | ·16 | 29 |
| 30 | | × | ·20 | ·03 | | ·50 | ·13 | ·07 | ·73 | ·22 | ·10 | ·01 | 30 |
| 31 | | × | ·02 | × | | × | ·87 | | × | ·01 | × | ·11 | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 5·25 | 1·57 | 3·32 | 5·13 | 3·86 | 1·27 | 4·51 | 1·42 | 5·04 | 7·16 | 3·69 | 3·77 | 45·99 |
| *Days with ·01 in. or more. | 20 | 12 | 17 | 26 | 22 | 7 | 18 | 10 | 21 | 27 | 21 | 23 | 224 |
| *Days with ·04 in. or more. | 15 | 8 | 12 | 21 | 20 | 3 | 15 | 6 | 16 | 24 | 16 | 21 | 177 |

40-9999

*See Instruction 2 (f) on other side.

(Signed)..........

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* NEWBIGGIN-IN-TEESDALE

*in the County of* DURHAM

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 900+ ft.

July days estimated by near stations. 18/7/34 J.W.W.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·10 | ·25 | ·12 | — | — | — | — | — | — | — | ·09 | ·04 |  | 1 |
| 2 | ·44 | ·06 | ·09 | ·09 | — | ·04 | — | — | — | ·02 | ·31 | — |  | 2 |
| 3 | ·15 | ·14 | ·18 | ·04 | ·19 | — | — | — | ·01 | — | ·54 | — |  | 3 |
| 4 | ·33 | ·45 | ·14 | — | ·14 | — | — | — | — | — | — | — |  | 4 |
| 5 | ·31 | ·52 | ·14 | — | ·28 | — | — | — | — | — | — | — |  | 5 |
| 6 | — | ·04 | ·36 | — | ·64 | — | — | — | — | — | ·01 | ·07 |  | 6 |
| 7 | ·11 | ·06 | ·02 | — | ·08 | — | ·10 | — | — | 2·14 | — | — |  | 7 |
| 8 | ·08 | ·04 | ·10 | ·14 | ·03 | — | ·04 | ·01 | — | ·02 | — | ·27 |  | 8 |
| 9 | — | ·42 | — | — | ·13 | ·10 | ·20 | — | — | ·58 | ·16 | ·04 |  | 9 |
| 10 | — | ·06 | — | — | ·02 | ·11 | ·04 | — | — | ·26 | ·04 | ·01 |  | 10 |
| 11 | — | — | — | — | ·10 | ·02 | ·09 | — | — | ·32 | — | — |  | 11 |
| 12 | ·02 | — | — | — | — | ·14 | ·05 | — | — | ·01 | — | ·07s |  | 12 |
| 13 | — | — | ·04 | — | ·13 | ·01 | ·35 | ·08 | — | ·61 | ·15 | ·01s |  | 13 |
| 14 | ·25 | — | ·16 | — | ·03 | — | ·46 | ·16 | — | — | ·47 | ·05 |  | 14 |
| 15 | ·06 | — | ·18 | — | — | ·08 | ·24 | ·04 | — | ·56 | ·38 | ·15 |  | 15 |
| 16 | ·18s | — | ·20 | ·16 | ·20 4 |  | ·12 | ·08 | — | ·09 | ·54 | — |  | 16 |
| 17 | ·25s | — | ·21 | ·05 | ·03 | ·33 | — | ·19 | ·09 | — | ·21 | — |  | 17 |
| 18 | — | ·31s | ·06 | ·07s | ·05 | ·60 | ·02 | ·01 | — | — | ·72 | — |  | 18 |
| 19 | — | ·09s | ·45 | ·05s | — | ·49 | ·15 | — | ·18 | — | ·06 | — |  | 19 |
| 20 | — | — | ·01 | ·03s | ·10 | ·10 |  | ·11 | ·21 | ·07 | — | — |  | 20 |
| 21 | — | ·01 | — | — | ·42 | — |  | ·20 | ·25 | ·11 | — | — |  | 21 |
| 22 | — | — | — | — | — | ·15 |  | ·04 | ·01 | ·21 | — | — |  | 22 |
| 23 | — | ·07s | — | ·04 | — | ·04 |  | ·02 | — | ·01 | ·02 | — |  | 23 |
| 24 | — | ·50s | — | ·49 | ·14 | ·19 |  | — | ·63 | ·10 | ·07 | ·05 |  | 24 |
| 25 | — | ·45s | — | ·16 | — | — | ✓ ·62 | ·03 | 1·23 | ·05 | ·01s | ·02 |  | 25 |
| 26 | — | 1·00s | — | ·35 | ·46 | — |  | — | ·01 | ·14 | — | ·04 |  | 26 |
| 27 | — | ·16 | — | ·05 | ·02 | — | ✗ | — | — | ·08 | — | — |  | 27 |
| 28 | — | ·01 | — | ·18 | ·01 | — | ✗ | ·52 | — | 1·05 | ·03 | ·16 |  | 28 |
| 29 | — | ✗ | ·02 | ·28 | — | — | ✗ | ·05 | — | ·29 | — | ·01 |  | 29 |
| 30 | ·02 | ✗ | ·01 | ·30 | — | — | ✗ | ·01 | ·05 | ·11 | — | ·14 |  | 30 |
| 31 | 1·11 | ✗ | ·03 | ✗ | — | ✗ | ✓ | ·11 | ✗ | ·07 | ✗ | ·01 |  | 31 |
| TOTAL | 3·41 | 5·30 | 2·85 | 2·51 | 3·29 | 2·43 | 2·54 | 1·66 | 2·64 | 6·93 | 3·81 | 1·14 | Year's Total<br>38·54 |  |
| *Days with ·01 in. or more. | 14 | 19 | 19 | 16 | 20 | 15 | ~~13~~ ? 18 | 16 | 10 | 22 | 17 | 16 | ~~199~~ 202 |  |
| *Days with ·04 in. or more. | 12 | 14 | 14 | 15 | 14 | 12 | ~~3~~ 15 | 11 | 4 | 18 | 13 | 11 | ~~153~~ 159 |  |

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*See Instruction 2 (*f*) on other side.

OM

† Spare column, no entries required.

(*Signed*) R Coggins

P.T.O.

Circ. D.1 Sent 7.9.33

3522

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1 /

# REGISTER OF RAINFALL IN 1933.

*Kept at* Middleton in Teesdale, Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | ·25 | ·12 | | | | | | | | ·09 | ·04 | 1 |
| 2 | ·44 | ·06 | ·09 | ·09 | | ·04 | | | | ·02 | ·31 | | 2 |
| 3 | ·15 | 17 | 18 | ·04 | ·19 | | | | ·01 | | ·54 | | 3 |
| 4 | ·33 | ·45 | ·17 | | 17 | | | | | | | | 4 |
| 5 | ·31 | ·52 | ·14 | | ·28 | | | | | | | | 5 |
| 6 | | ·07 | ·36 | | ·67 | | | | | | ·01 | ·07 | 6 |
| 7 | ·11 | ·06 | ·02 | | ·08 | | ·10 | | | 2·17 | | | 7 |
| 8 | ·08 | ·04 | ·10 | ·17 | ·03 | | ·07 | ·01 | | ·02 | | 27 | 8 |
| 9 | | ·72 | | | ·13 | ·10 | ·20 | | | ·58 | ·16 | 04 | 9 |
| 10 | | ·06 | | | ·02 | ·11 | ·04 | | | ·26 | 04 | ·01 | 10 |
| 11 | | | | | ·10 | ·02 | ·09 | | | ·32 | | | 11 |
| 12 | ·02 | | | | | ·17 | ·05 | | | ·02 | | ·07 | 12 |
| 13 | | | ·04 | | ·13 | ·01 | ·35 | ·08 | | ·61 | ·15 | ·01 | 13 |
| 14 | ·25 | | ·16 | | ·03 | | ·46 | ·16 | | | 47 | ·05 | 14 |
| 15 | ·06 | | ·18 | | | 03 | ·27 | ·04 | | 56 | ·38 | ·15 | 15 |
| 16 | ·18 | | ·20 | ·16 | 20 | ·05 | ·12 | ·08 | | ·09 | ·54 | | 16 |
| 17 | ·25 | | ·21 | ·05 | ·03 | ·33 | | ·19 | ·09 | | ·21 | | 17 |
| 18 | | ·31 | ·06 | ·07 | 05 | ·60 | ·02 | ·01 | | | ·72 | | 18 |
| 19 | | ·09 | ·75 | ·05 | | 49 | | | ·18 | | ·06 | | 19 |
| 20 | | | ·01 | ·03 | ·10 | ·10 | | ·11 | ·21 | ·07 | | | 20 |
| 21 | | ·01 | | | ·42 | | | ·20 | ·25 | ·11 | | | 21 |
| 22 | | | | | | ·15 | | ·04 | ·01 | ·21 | | | 22 |
| 23 | | ·07 | | ·04 | | ·04 | | ·02 | | 01 | ·02 | | 23 |
| 24 | | ·50 | | ·49 | ·17 | 19 | | | ·63 | 10 | ·07 | ·05 | 24 |
| 25 | | ·75 | | 16 | | | ·62 | ·03 | 1·23 | 05 | ·01 | ·02 | 25 |
| 26 | | 1·00 | | ·35 | ·46 | | | | 01 | ·14 | | ·04 | 26 |
| 27 | | ·16 | | ·05 | ·02 | | | | | ·08 | | | 27 |
| 28 | | ·01 | | ·18 | ·01 | | | ·52 | | 1·05 | ·03 | ·16 | 28 |
| 29 | | | ·02 | ·28 | | | | ·05 | | ·29 | | ·01 | 29 |
| 30 | ·02 | X | ·01 | ·30 | | | | ·01 | ·05 | 11 | | ·17 | 30 |
| 31 | 1·11 | X | ·03 | X | | X | | 11 | X | ·07 | X | ·01 | 31 |
| TOTAL | 3·41 | 5·30 | 2·85 | 2·51 | 3·29 | 2·43 | 2·39 | 1·66 ~~1·78~~ | 2·67 | 6·94 | 3·81 | 1·17 | YEAR'S TOTAL 38·43 |
| *Days with ·01 in. or more. | 14 | 19 | 19 | 16 | 20 | 15 | | 16 | 10 | 22 | 17 | 16 | |
| *Days with ·04 in. or more. | 12 | 17 | 14 | 15 | 14 | 12 | | 11 | 9 | 18 | 13 | 11 | |

40-9999

(*Signed*) R. Coggins [P.T.O.

*See Instruction 2 (*f*) on other side.

M

**Section** **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

3522

*Kept at* NEWBIGGIN IN TEESDALE

*in the County of* DURHAM.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 900 + ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·06 | – | ·05 | ·04 | – | – | – | ·35 | – | – | – | ·15 | 1 |
| 2 | – | ·04 | ·11 | – | – | – | – | ·69 | ·22 | – | – | ·26 | 2 |
| 3 | ·15 | – | ·04 | – | ·02 | – | – | ·03 | – | ·25 | ·15 | ·19 | 3 |
| 4 | ·29 | – | ·19 | ·14 | – | – | – | – | ·01 | ·54 | ·06 | ·82 | 4 |
| 5 | ·06 | – | ·36 | ·21 | ·33 | – | – | ·10 | – | ·13 | ·15 | ·39 | 5 |
| 6 | ·19 | – | ·05 | ·08 | ·68 | ·04 | – | ·54 | ·05 | ·58 | ·10 | ·13 | 6 |
| 7 | ·46 | ·16 | ·03 | ·11 | ·63 | ·11 | – | – | – | ·17 | – | – | 7 |
| 8 | – | ·01 | – | – | ·13 | ·44 | – | – | ·03 | ·33 | – | ·86 | 8 |
| 9 | ·02 | ·01 | ·16 | ·46 | – | – | – | ·10 | ·02 | ·07 | 1·19 | ·06 | 9 |
| 10 | ·08 | – | ·26 | ·18 | – | – | ·23 | ·25 | ·03 | ·02 | ·86 | ·03 | 10 |
| 11 | ·40 | – | 1·23 | ·90 | – | – | – | ·02 | – | – | ·03 | – | 11 |
| 12 | ·15 | – | 1·20 | ·39 | – | – | ·29 | – | – | ·01 | ·01 | ·19 | 12 |
| 13 | ·50 | – | ·11 | ·03 | ·10 | – | ·55 | ·04 | – | ·02 | ·06 | ·14 | 13 |
| 14 | ·15 | – | ·41 | ·02 | ·04 | ·21 | 05 | – | – | ·19 | ·03 | ·01 | 14 |
| 15 | ·14 | – | ·08 | ·02 | ·77 | – | ·04 | ·03 | ·07 | ·68 | ·09 | – | 15 |
| 16 | ·38 | – | ·65 | – | ·07 | – | ·01 | – | – | – | ·12 | ·20 | 16 |
| 17 | ·70 | – | ·16 | – | ·12 | – | ·52 | – | ·17 | ·01 | ·04 | – | 17 |
| 18 | ·57 | – | ·12 | – | ·35 | ·09 | – | ·02 | ·09 | – | – | ·61 | 18 |
| 19 | – | – | ·12 | – | ·20 | ·11 | ·02 | ·01 | ·22 | ·07 | – | ·23 | 19 |
| 20 | – | – | ·05 | ·07 | – | ·03 | – | ·19 | ·06 | ·02 | – | ·01 | 20 |
| 21 | ·01 | – | – | – | ·13 | ·43 | – | ·11 | ·25 | ·11 | ·01 | – | 21 |
| 22 | – | – | – | ·04 | – | ·07 | – | ·16 | ·55 | – | – | – | 22 |
| 23 | ·01 | – | ·11 | ·42 | – | ·01 | ·18 | – | ·01 | ·74 | – | ·25 | 23 |
| 24 | – | ·01 | – | ·04 | ·05 | ·08 | – | – | ·28 | 1·00 | – | ·02 | 24 |
| 25 | ·19 | ·04 | ·08 | ·28 | – | – | ·07 | – | ·23 | ·51 | ·02 | ·81 | 25 |
| 26 | ·24 | – | ·04 | 1·25 | – | ·18 | ·08 | – | ·35 | 1·61 | – | – | 26 |
| 27 | – | ·09 | – | ·70 | – | ·10 | ·03 | – | ·04 | ·53 | – | ·33 | 27 |
| 28 | – | – | ·04 | ·36 | – | ·28 | ·08 | ·19 | ·01 | ·10 | – | ·60 | 28 |
| 29 | – | X | ·08 | – | – | – | ·05 | ·33 | ·28 | ·07 | – | ·13 | 29 |
| 30 | ·12 | X | ·02 | – | – | – | ·04 | ·01 | ·51 | ·54 | – | ·23 | 30 |
| 31 | ·05 | X | – | X | – | X | – | – | X | – | X | ·04 | 31 |
| TOTAL | 4·92 | ·36 | 5·75 | 5·74 | 3·62 | 2·18 | 2·24 | 3·17 | 3·48 | 8·30 | 2·92 | 6·69 | YEAR'S TOTAL 49·37 |
| *Days with ·01 in. or more. | ~~28~~ 27 | 7 | 25 | 20 | 14 | 14 | 15 | 18 | 21 | 24 | 15 | 24 | ~~225~~ 219 |
| *Days with ·04 in. or more. | 19 | 4 | 23 | 17 | 13 | 12 | 12 | 12 | 15 | 19 | 10 | 20 | 176 |

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M

(Signed) R Coggins [P.T.O.

*See Instruction 2 (*f*) on other side.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Middleton in Teesdale Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft. ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 06 | | 05 | 04 | | | | 35 | | | | 15 | | 1 |
| 2 | | 04 | 11 | | | | | 69 | 22 | | | 26 | | 2 |
| 3 | 15 | | 04 | | 02 | | | 03 | | 25 | 15 | 19 | | 3 |
| 4 | 29 | | 19 | 14 | | | | | 01 | 54 | 06 | 82 | | 4 |
| 5 | 06 | | 36 | 21 | | | | 10 | | 13 | 15 | 39 | | 5 |
| 6 | 19 | | 05 | 08 | 33 | 04 | | 54 | 05 | 58 | 10 | 13 | | 6 |
| 7 | 46 | 16 | 03 | 11 | 68 | 11 | | | | 17 | | | | 7 |
| 8 | | 01 | | | 63 | 44 | | | 03 | 33 | | 86 | | 8 |
| 9 | 02 | 01 | 16 | 46 | 13 | | | 10 | 02 | 07 | 1·19 | 06 | | 9 |
| 10 | 08 | | 26 | 18 | | | 23 | 25 | 03 | 02 | 86 | 03 | | 10 |
| 11 | 40 | | 1·23 | 90 | | | | 02 | | | 03 | | | 11 |
| 12 | 15 | | 1·20 | 39 | | | 29 | | | 01 | 01 | 19 | | 12 |
| 13 | 50 | | 11 | 03 | | | 55 | 04 | | 02 | 06 | 14 | | 13 |
| 14 | 15 | | 41 | 02 | 10 | 21 | 05 | | | 19 | 03 | 01 | | 14 |
| 15 | 14 | | 08 | 02 | 04 | | 04 | 03 | 07 | 68 | 09 | | | 15 |
| 16 | 38 | | 65 | | 77 | | 01 | | | | 12 | 20 | | 16 |
| 17 | 70 | | 16 | | 07 | | 52 | | 17 | 01 | 04 | | | 17 |
| 18 | 57 | | 12 | | 12 | 09 | | 02 | 09 | | | 61 | | 18 |
| 19 | | | 12 | | 35 | 11 | 02 | 01 | 22 | 07 | | 23 | | 19 |
| 20 | | | 05 | 07 | 20 | 03 | | 19 | 06 | 02 | | 01 | | 20 |
| 21 | 01 | | | | 13 | 43 | | 11 | 25 | 11 | 01 | | | 21 |
| 22 | | | | 04 | | 07 | | 16 | 55 | | | | | 22 |
| 23 | 01 | | 11 | 42 | | 01 | 18 | | 01 | 74 | | 25 | | 23 |
| 24 | | 01 | | 04 | 05 | 08 | | | 28 | 1·00 | | 02 | | 24 |
| 25 | 19 | 04 | 08 | 28 | | | 07 | | 23 | 51 | 02 | 81 | | 25 |
| 26 | 24 | | 04 | 1·25 | | 18 | 08 | | 35 | 1·61 | | | | 26 |
| 27 | | 09 | | 70 | | 10 | 03 | | 04 | 53 | | 33 | | 27 |
| 28 | | | 04 | 36 | | 28 | 08 | 19 | 01 | 10 | | 60 | | 28 |
| 29 | | | 08 | | | | 05 | 33 | 28 | 07 | | 13 | | 29 |
| 30 | 12 | ✕ | 02 | | | | 04 | 01 | 51 | 54 | | 23 | | 30 |
| 31 | 05 | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | 04 | | 31 |
| TOTAL | 4·92 | 36 | 5·75 | 5·74 | 3·62 | 2·18 | 2·24 | 3·17 | 3·48 | 8·30 | 2·92 | 6·69 | Year's Total<br>49·37 | |
| *Days with ·01 in. or more. | 22 | 7 | 25 | 20 | 14 | 14 | 15 | 18 | 21 | 24 | 15 | 24 | 219 | |
| *Days with ·04 in. or more. | 19 | 4 | 23 | 17 | 13 | 12 | 12 | 12 | 15 | 19 | 10 | 20 | 176 | |

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) R Coggins

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Middleton in Teesdale, Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level ............ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·21 | ·13 | ·12 | | | | ·19 | | ·51 | ·09 | ·11 | ·25 | | 1 |
| 2 | | ·03 | 02 | ·03 | | ·09 | | | ·24 | ·45 | 05 | ·01 | | 2 |
| 3 | | ·26 | ·13 | ·18 | | 05 | ·08 | | 06 | | ·49 | ·06 | | 3 |
| 4 | | 02 | ·07 | 0·1 | | ·28 | ·27 | | ·02 | ·27 | ·04 | | | 4 |
| 5 | ·08 | ·83 | ·06 | | | ·12 | | | ·12 | ·04 | ·02 | | | 5 |
| 6 | ·18 | ·03 | | | | ·23 | | | | ·20 | | | | 6 |
| 7 | ·18 | | | ·35 | | ·74 | | | | ·18 | ·23 | ·10 | | 7 |
| 8 | | | | ·25 | | ·22 | | ·03 | | ·11 | ·12 | ·12 | | 8 |
| 9 | ·02 | | | 1·31 | | ·09 | | | | ·35 | ·20 | ·08 | | 9 |
| 10 | ·03 | ·03 | ·04 | ·57 | | ·07 | | | | ·32 | ·57 | | | 10 |
| 11 | ·60 | ·18 | | ·13 | | ·11 | | ·17 | | ·20 | ·15 | ·07 | | 11 |
| 12 | | ·18 | | | | ·13 | | | | | ·01 | ·02 | | 12 |
| 13 | 11 | ·15 | | ·17 | ·44 | ·02 | | | 13 | | ·04 | | | 13 |
| 14 | 01 | ·07 | ·11 | ·01 | ·08 | ·13 | ·18 | | ·23 | | ·60 | ·09 | | 14 |
| 15 | | 1·13 | | ·40 | 12 | ·03 | | | ·53 | | ·07 | ·30 | | 15 |
| 16 | | 1·53 | ·09 | ·53 | ·20 | ·05 | ·08 | ·04 | ·68 | | ·48 | ·01 | | 16 |
| 17 | | ·14 | | ·44 | ·05 | ·15 | ·01 | | ·29 | | ·88 | | | 17 |
| 18 | ·02 | ·34 | | ·09 | 06 | ·08 | | | ·45 | | ·06 | | | 18 |
| 19 | | ·39 | | ·08 | | ·16 | ·40 | | ·33 | 1·48 | ·11 | | | 19 |
| 20 | | ·96 | | ·70 | | ·06 | | | | | ·50 | | | 20 |
| 21 | | ·57 | ·06 | ·05 | | | | | 2·21 | ·11 | ·27 | ·04 | | 21 |
| 22 | | ·16 | ·64 | ·20 | | | | | | | | | | 22 |
| 23 | ·04 | ·04 | ·15 | ·12 | | | | ·25 | ·02 | ·23 | ·11 | | | 23 |
| 24 | ·28 | 1·29 | | | | | | | ·94 | ·05 | | ·29 | | 24 |
| 25 | ·19 | ·09 | ·05 | | | ·02 | | | | | ·30 | ·23 | | 25 |
| 26 | ·13 | | | | | ·15 | | ·68 | ·09 | ·16 | ·05 | ·23 | | 26 |
| 27 | ·08 | ·19 | | | | ·01 | ·18 | | ·19 | ·56 | ·27 | ·06 | | 27 |
| 28 | ·05 | ·03 | | | | | | ·02 | ·16 | ·23 | ·22 | | | 28 |
| 29 | | | ·15 | | | ·03 | | ·09 | ·10 | ·57 | ·19 | ·25 | | 29 |
| 30 | | X | ·03 | | | ·19 | | ·17 | ·70 | 1·42 | ·87 | ·03 | | 30 |
| 31 | ·08 | X | | X | | X | | | X | ·26 | X | ·44 | | 31 |
| TOTAL | 2·29 | 8·7[illegible] | 1·72 | 5·62 | ·95 | 3·21 | 1·39 | 1·45 | 8·00 | 7·28 | 7·01 | 2·68 | Year's Total 50·3[illegible] | |
| *Days with ·01 in. or more. | 17 | 24 | 14 | 19 | 6 | 24 | 8 | 8 | 20 | 25 | 27 | 19 | 210 | |
| *Days with ·04 in. or more. | 13 | 19 | 12 | 16 | 6 | 19 | 7 | 6 | ~~17~~ 18 | 22 | 25 | 15 | 178 | |

Holidays [illegible]

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) R. Coggins

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Middleton-in-Teesdale, Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·21 | ·05 | ·53 | ·01 | | ·07 | ·06 | ·27 | ·25 | – | ·09 | ·01 | | 1 |
| 2 | ·02 | | ·18 | | | ·31 | ·03 | ·14 | ·02 | – | – | ·04 | | 2 |
| 3 | | ·01 | | | | 1·84 | ·03 | ·05 | ·55 | – | – | ·08 | | 3 |
| 4 | ·75 | ·01 | ·11 | | | ·06 | ·01 | ·26 | ·28 | – | ·34 | ·52 | | 4 |
| 5 | ·15 | | ·05 | | | ·01 | | ·30 | ·25 | ·04 | ·53 | ·28 | | 5 |
| 6 | ·17 | | ·04 | | | | ·10 | ·75 | ·60 | – | ·21 | – | | 6 |
| 7 | ·03 | | ·03 | | | | ·16 | | ·25 | – | ·43 | ·07 | | 7 |
| 8 | ·46 | | ·61 | | | | | | ·07 | ·02 | ·28 | – | | 8 |
| 9 | 1·96 | | ·27 | | | | ·09 | | ·20 | – | ·19 | – | | 9 |
| 10 | ·85 | | | ·04 | | | ·04 | | – | ·04 | ·14 | – | | 10 |
| 11 | ·04 | | ·02 | ·25 | | ·09 | ·03 | ·21 | ·09 | – | ·56 | – | | 11 |
| 12 | | | | ·52 | ·02 | ·11 | ·18 | ·03 | ·85 | – | ·69 | ·13 | | 12 |
| 13 | | | | ·36 | | | ·04 | | – | ·03 | ·05 | 1·37 | | 13 |
| 14 | | | | ·19 | | ·17 | ·07 | ·07 | ·98 | ·02 | ·15 | ·75 | | 14 |
| 15 | | | | ·25 | ·15 | ·04 | ·06 | ·11 | ·03 | ·02 | ·46 | ·26 | | 15 |
| 16 | * | | | ·07 | | ·12 | ·03 | | – | ·09 | ·44 | ·08 | | 16 |
| 17 | ·23 | ·48 | | ·02 | ·07 | | ·28 | ·07 | – | ~~·10~~ 15 | ·54 | ·66 | | 17 |
| 18 | | ·25 | ·03 | ·11 | | | ·07 | ·24 | – | ·23 | ·07 | ·13 | | 18 |
| 19 | * 1·02 | ·16 | | ·01 | | | ·16 | ·17 | – | ·11 | – | ·18 | | 19 |
| 20 | ·38 | ·29 | ·02 | ·06 | | ·05 | ·12 | | – | – | – | ·07 | | 20 |
| 21 | ·06 | ·03 | ·05 | ·02 | | ·52 | | | – | ·01 | – | ·11 | | 21 |
| 22 | ·07 | ·60 | | | ·03 | ·50 | ·10 | | – | – | – | – | | 22 |
| 23 | | ·08 | ·12 | ·21 | ·26 | | ·64 | | – | ·04 | – | – | | 23 |
| 24 | ·11 | ·22 | | ·07 | 1·20 | | ·57 | ·02 | ·76 | 1·50 | – | – | | 24 |
| 25 | ·41 | ·01 | ·03 | | | | ·18 | | ·55 | ·38 | – | – | | 25 |
| 26 | ·10 | ·23 | ·40 | | | | ·03 | | ·16 | ·47 | · | – | | 26 |
| 27 | ·24 | ·03 | ·22 | | | | ·01 | | ·41 | ·24 | – | – | | 27 |
| 28 | ·25 | 1·03 | ·10 | | | | ·30 | | – | – | – | ·03 | | 28 |
| 29 | ·16 | 1·10 | ·37 | | ·55 | ·85 | ·07 | | – | ·10 | ·01 | ·03 | | 29 |
| 30 | ·03 | × | ·11 | | | ·07 | ·16 | | – | ·27 | ·01 | ·24 | | 30 |
| 31 | ·03 | × | ·13 | × | ·11 | × | ·03 | | × | – | × | ·85 | | 31 |
| TOTAL | 7·73 | 4·58 | 3·42 | 2·19 | 2·39 | 4·81 | 3·65 | 2·69 | 6·24 | ~~3·71~~ ~~3·76~~ | 5·19 | 5·89 | Year's Total. 52·~~49~~ 54 | |
| * Days with .01 in. or more. | 25 | 16 | 20 | 15 | 8 | 15 | 28 | 14 | 17 | 18 | 18 | 20 | 214 | |
| * Days with .04 in. or more. | 19 | 11 | 15 | 11 | 6 | 14 | 20 | 12 | 14 | 13 | 16 | 17 | 168 | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) R. Coggins

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Middleton-in-Teesdale, Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ..................ft.

~~New Gauge~~

Copy by B.R.O.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·20 | – | ·31 | – | – | ·06 | – | – | ·29 | ·07 | – | ·40 | | 1 |
| 2 | ·21 | ·41 | ·11 | ·33 | – | ·04 | – | – | ·02 | – | – | ·46 | | 2 |
| 3 | ·04 | 44 | ·02 | ·03 | ·20 | ·23 | ·11 | – | – | – | – | ·31 | | 3 |
| 4 | ·40 | ·04 | ·08 | ·10 | ·19 | ·06 | ·05 | ·20 | ·02 | – | – | ·35 | | 4 |
| 5 | ·62 | – | ·15 | ·16 | ·13 | ·02 | ·09 | – | 1·04 | – | – | ·32 | | 5 |
| 6 | ·11 | ·02 | ·07 | ·20 | ·14 | ·02 | – | – | ·19 | – | ·08 | ·16 | | 6 |
| 7 | ·03 | ·42 | ·07 | ·33 | ·18 | ·03 | – | – | ·20 | ·02 | ·07 | ·27 | | 7 |
| 8 | – | ·32 | ·05 | ·04 | – | ·03 | ·11 | – | ·01 | – | ·03 | ·18 | | 8 |
| 9 | ·02 | ·07 | ·01 | ·04 | ·07 | – | ·20 | – | – | – | – | ·07 | | 9 |
| 10 | – | ·10 | – | – | ·18 | ·05 | ·03 | x – | – | – | ·14 | ·70 | | 10 |
| 11 | – | – | ·70 | ·02 | ·01 | – | – | – | – | – | – | ·61 | | 11 |
| 12 | ·34 | ·28 | ·80 | ·08 | ·01 | ·12 | – | – | ·07 | – | – | ·34 | | 12 |
| 13 | – | ·10 | ·04 | ·02 | – | ·12 | – | x69 | ·03 | ·01 | – | ·23 | | 13 |
| 14 | – | ·01 | ·01 | – | – | – | – | | ·02 | – | – | ·33 | | 14 |
| 15 | ·30 | ·87 | ·01 | ·15 | – | – | ·35 | | ·14 | – | – | ·28 | | 15 |
| 16 | ·06 | ·34 | ·61 | ·38 | – | ·18 | – | | ·03 | – | ·02 | ·30 | | 16 |
| 17 | ·20 | ·04 | ·17 | ·05 | ·02 | ·04 | – | | 1·28 | – | – | ·03 | | 17 |
| 18 | ·04 | ·15 | ·13 | – | ·15 | ·06 | – | | ·03 | – | ·21 | – | | 18 |
| 19 | ·02 | ·24 | ·04 | ·16 | – | ·02 | – | | ·16 | – | ·66 | – | | 19 |
| 20 | ·39 | ·02 | ·03 | ·04 | ·70 | ·02 | – | ✓ | ·01 | – | – | ·04 | | 20 |
| 21 | ·10 | ·01 | ·03 | ·04 | ·17 | – | ·50 | | – | – | – | ·11 | | 21 |
| 22 | ·23 | – | ·43 | ·02 | ·13 | – | ·07 | – | – | ·05 | ·04 | ·07 | | 22 |
| 23 | ·22 | – | – | ·02 | ·10 | – | ·29 | – | – | ·78 | ·04 | ·03 | | 23 |
| 24 | ·24 | ·10 | ·10 | – | ·01 | – | ·03 | – | ·04 | ·12 | – | ·05 | | 24 |
| 25 | ·10 | ·57 | ·02 | – | ·09 | – | – | ·06 | – | ·32 | – | – | | 25 |
| 26 | ·02 | ·54 | ·02 | – | ·42 | – | – | – | ·04 | ·02 | ·01 | – | | 26 |
| 27 | ·01 | ·84 | – | – | – | – | – | – | – | ·71 | – | ·01 | | 27 |
| 28 | ·32 | ·06 | – | – | – | ·10 | – | – | – | ·18 | – | ·04 | | 28 |
| 29 | ·33 | – | – | – | – | – | – | – | – | ·13 | – | ·05 | | 29 |
| 30 | ·28 | ✕ | – | – | – | ·07 | – | – | – | ·03 | ·14 | ·03 | | 30 |
| 31 | ·62 | ✕ | – | ✕ | ·02 | ✕ | – | ·10 | ✕ | ·08 | ✕ | ·01 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 5·45 | 5·99 | 4·01 | 2·21 | 2·92 | 1·27 | 1·83 | 1·05 | 3·62 | 2·52 | 1·44 | 5·77 | 38·08 | ✓ |
| * Days with .01 in. or more. | 26 | 23 | 24 | 19 | 19 | 18 | 11 | 6 | 18 | 13 | 11 | 27 | 215 | ✓ |
| * Days with .04 in. or more. | 21 | 19 | 16 | 14 | 14 | 12 | 9 | 5 | 10 | 9 | 8 | 22 | 159 | ✓ |

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .................................................... [P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1[illegible]

# REGISTER OF RAINFALL IN 1938

Copy by B.R.O.

*Kept at* Middleton-in-Teesdale Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

„ Ground „ Sea Level ~~1000~~ 900 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | ·13 | | ·01 | | 1·53 | ·10 | – | ·01 | ·02 | ·27 | ·42 | | 1 |
| 2 | ·06 | ·03 | | ·35 | | ·12 | – | – | – | 1·28 | ·20 | ·04 | | 2 |
| 3 | ·05 | ·09 | ·01 | | | ·01 | ·13 | – | ·13 | 1·54 | ·28 | – | | 3 |
| 4 | ·11 | ·04 | | ·01 | | | ·07 | – | – | ·56 | ·03 | ·56 | | 4 |
| 5 | ·02 | ·02 | | | | | ·02 | ·13 | ·06 | ·57 | – | ·06 | | 5 |
| 6 | ·26 | – | ·03 | | | ·13 | ·05 | – | ·01 | ·42 | ·06 | ·09 | | 6 |
| 7 | ·04 | – | | | | | ·58 | – | ·26 | ·59 | ·01 | ·06 | | 7 |
| 8 | ·23 | – | | | | ·01 | ·24 | ·24 | – | 1·37 | ·06 | ·43 | | 8 |
| 9 | ·15 | ·50 | ·08 | | ·05 | ·10 | ·09 | – | – | ·22 | – | ·35 | | 9 |
| 10 | – | ·02 | | | | ·13 | ·04 | – | – | ·37 | – | ·10 | | 10 |
| 11 | ·07 | – | | | | | ·21 | – | – | ·17 | ·10 | ·12 | | 11 |
| 12 | ·46 | ·02 | | | ·17 | ·01 | – | ·09 | – | ·58 | ·76 | ·43 | | 12 |
| 13 | ·21 | ·25 | | | ·10 | | ·03 | – | ·21 | ·26 | ·25 | ·26 | | 13 |
| 14 | ·48 | ·05 | | | ·08 | | – | – | – | ·04 | – | ·09 | | 14 |
| 15 | ·67 | ·05 | ·15 | | ·02 | | ·18 | – | ·01 | ·40 | – | ·26 | | 15 |
| 16 | ·59 | ·04 | ·11 | | ·49 | | – | ·12 | ·11 | ·27 | ·05 | ·24 | | 16 |
| 17 | – | – | ·02 | | ·12 | | ·02 | ·50 | ·28 | ·49 | – | ·04 | | 17 |
| 18 | ·15 | ·01 | ·12 | | ·02 | ·03 | – | ·09 | ·01 | ·32 | ·50 | ·04 | | 18 |
| 19 | – | – | ·43 | | ·02 | | – | ·08 | ·03 | ·02 | ·16 | ·46 | | 19 |
| 20 | ·20 | – | ·43 | | | ·01 | – | ·37 | ·19 | – | – | ·40 | | 20 |
| 21 | ·01 | – | ·03 | ·02 | | ·02 | – | ·20 | ·07 | – | ·07 | ·44 | | 21 |
| 22 | ·01 | ·02 | | ·02 | ·02 | ·06 | – | – | – | – | ·27 | ·23 | | 22 |
| 23 | ·07 | – | | ·01 | ·15 | ·07 | – | ·01 | ·05 | – | ·48 | ·11 | | 23 |
| 24 | ·41 | – | ·06 | ·06 | ·01 | ·09 | ·24 | ·74 | ·10 | ·41 | ·24 | ·03 | | 24 |
| 25 | ·21 | ·04 | ·07 | | ·11 | | ·61 | – | – | ·36 | ·16 | ·06 | | 25 |
| 26 | ·02 | ·23 | ·02 | ·01 | ·02 | ·30 | – | – | ·01 | ·30 | ·02 | – | | 26 |
| 27 | ·29 | ·07 | | ·01 | ·25 | ·83 | ·23 | ·24 | – | ·24 | ·22 | – | | 27 |
| 28 | ·33 | ·15 | ·05 | ~~·04~~ | ·72 | ·89 | ·03 | – | ·01 | – | ·16 | ·05 | | 28 |
| 29 | ·12 | × | ·02 | ·04 | ·27 | ·21 | ·36 | – | ·01 | ·01 | ·13 | ·12 | | 29 |
| 30 | ·21 | ✕ | | | ·03 | ·01 | ·32 | ·04 | ·31 | ·05 | ·73 | ·03 | | 30 |
| 31 | ·77 | ✕ | ·06 | ✕ | ·20 | ✕ | – | – | ✕ | ·36 | ✕ | ·48 | | 31 |
| TOTAL | 6·20 | 1·76 | 1·69 | ·54 | 2·85 | 4·56 | 3·55 | 2·85 | 1·87 | 11·22 | 5·21 | 6·30 | Year's Total 48·60 | |
| * Days with .01 in. or more. | 27 | 18 | 16 | 10 | 19 | 19 | 19 | 13 | 19 | 26 | 23 | 28 | 237 | |
| * Days with .04 in. or more. | 23 | 12 | 10 | 3 | 12 | 12 | 15 | 12 | 11 | 23 | 20 | 26 | 179 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) R. Coggins

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3522

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Middleton-in-Teesdale, Newbiggin

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 1000 ft.

Entry on Oct 4th adjusted by reference to nearby stations to agree monthly total -

Copy by B.R.O.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·24 | – | ·30 | – | – | – | ·02 | ·01 | ·02 | ·19 | ·01 | ·32 | | 1 |
| 2 | ·03 | – | ·03 | ·01 | – | – | ·21 | ·65 | ·89 | ·11 | ·01 | ·12 | | 2 |
| 3 | – | – | ·07 | ·15 | – | – | ·04 | ·55 | ·02 | ·03 | ·10 | ·40 | | 3 |
| 4 | – | – | ·33 | ·07 | – | – | ·26 | – | ·05 | ~~·01~~ ·10 | ·15 | ·05 | | 4 |
| 5 | – | ·03 | ·32 | – | – | – | ·32 | ·08 | – | ·40 | ·50 | ·16 | | 5 |
| 6 | ·27 | ·02 | ·10 | – | – | – | ·90 | – | – | ·01 | ·26 | – | | 6 |
| 7 | ·31 | ·36 | ·43 | – | ·07 | – | ·17 | – | tr | ·08 | ·03 | ·03 | | 7 |
| 8 | 1·50 | ·54 | ·16 | ·14 | – | – | ·12 | – | – | – | ·30 | ·26 | | 8 |
| 9 | ·59 | ·19 | – | – | – | – | ·29 | ·36 | – | ·86 | ·12 | ·33 | | 9 |
| 10 | ·16 | ·03 | – | – | – | ·20 | – | ·21 | ·39 | ·03 | – | ·01 | | 10 |
| 11 | ·40 | ·46 | ·17 | – | ·04 | ·20 | – | ·04 | ·05 | ·11 | ·03 | ·02 | | 11 |
| 12 | – | ·24 | – | – | – | ·02 | – | – | ·02 | ·80 | ·01 | ·01 | | 12 |
| 13 | – | – | – | ·25 | ·21 | ·06 | ·06 | – | ·03 | ·75 | ·13 | – | | 13 |
| 14 | 1·36 | – | ·04 | ·04 | ·15 | ·39 | ·26 | – | – | ·27 | ·65 | – | | 14 |
| 15 | ·64 | – | – | ·18 | ·07 | ·65 | ·08 | – | – | – | ·16 | ·02 | | 15 |
| 16 | ·64 | ·09 | ·24 | ·25 | ·48 | – | – | – | – | – | ·19 | – | | 16 |
| 17 | ·28 | ·19 | ·03 | ·49 | ·02 | ·02 | ·38 | – | – | – | ·01 | – | | 17 |
| 18 | ·31 | ·08 | ·02 | – | – | ·04 | ·08 | – | – | ·12 | ·74 | – | | 18 |
| 19 | ·25 | – | – | – | – | ·17 | ·11 | – | – | – | – | ·06 | | 19 |
| 20 | ·01 | – | ·01 | – | – | ·09 | – | – | – | – | – | – | | 20 |
| 21 | ·21 | ·16 | ·11 | ·16 | – | – | – | ·34 | ·03 | – | – | – | | 21 |
| 22 | ·45 | ·36 | ·02 | ·02 | – | – | – | ·06 | – | – | ·14 | – | | 22 |
| 23 | ·04 | ·30 | ·03 | ·20 | – | ·06 | ·05 | – | ·01 | ·02 | – | – | | 23 |
| 24 | – | ·27 | ·13 | ·21 | – | ·06 | – | – | – | – | – | – | | 24 |
| 25 | ·47 | ·09 | ·12 | ·10 | – | ·16 | – | ·09 | – | – | 1·11 | ·02 | | 25 |
| 26 | ·12 | ·19 | ·03 | ·01 | – | ·19 | – | ·22 | – | ·40 | ·02 | – | | 26 |
| 27 | ·03 | 1·01 | ·79 | ·02 | – | ·35 | ·05 | – | – | ·40 | ·16 | – | | 27 |
| 28 | ·15 | ·26 | ·97 | ·22 | – | ·37 | ·53 | – | – | ·02 | ·26 | – | | 28 |
| 29 | – | | ·12 | – | – | ·08 | ·50 | ·38 | – | 1·11 | ·26 | – | | 29 |
| 30 | ·03 | ✕ | – | – | – | ·37 | ·42 | ·02 | – | ·09 | ·84 | – | | 30 |
| 31 | | ✕ | – | ✕ | – | ✕ | ·76 | ·06 | ✕ | ·10 | ✕ | – | | 31 |
| TOTAL | 8·49 | 4·87 | 4·57 | 2·52 | 1·04 | 3·48 | 5·61 | 3·07 | 1·51 | 6·00 | 6·08 | 1·81 | Year's Total 49·05 | |
| * Days with .01 in. or more. | 23 | 19 | 23 | 17 | 7 | 18 | 21 | 1~~3~~4 | 10 | 21 | 24 | 14 | 21~~6~~1 | |
| * Days with .04 in. or more. | 19 | 16 | ~~15~~ 16 | 13 | 6 | 16 | 20 | 12 | 4 | 16 | 17 | 8 | 163 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................................ [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3522 ✓

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940

Kept at Middleton in Teesdale Newbiggin.
in the County of Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 900 ft.

corr. from observers form 1090
Nov. & Dec. totals corr: for arithmetic.
BRITISH RAINFALL ORGANIZATION.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

| Jan. 1, following |
|---|
| |

Please read the Notes and Instructions Overleaf ✓

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | .03 | – | .05 | .03 | – | – | – | – | – | .12 | .12 | | 1 |
| 2 | – | – | – | .22 | – | – | .02 | – | – | – | .65 | .11 | | 2 |
| 3 | .05 | .17 | – | .19 | – | – | .07 | – | – | – .01 | – | .05 | | 3 |
| 4 | – | .12 | – | .01 | – | – | .43 | – | – | .17 | .08 | .15<br>– | | 4 |
| 5 | – | .01 | – | – | .06 | – | – | – | – | .61 | .03<br>– | .65 | | 5 |
| 6 | .03 | .05 | – | .03 | – | – | .01 | – | – | .54 | .15<br>– | .45 | | 6 |
| 7 | .06 | .36 | – | .10 | .11 | – | – | .05 | .13 | .05 | – | .12 | | 7 |
| 8 | – | .01 | – | .04 | – | – | – | .04 | – | .34 | .07 | .12 | | 8 |
| 9 | – | – | .01 | – | – | – | .87 | .36 | .03 | 1.00 | .69 | .09 | | 9 |
| 10 | – | – | .05 | – | – | – | .72 | .22 | – | .02 | .48 | .05 | | 10 |
| 11 | – | .03 | .32 | .01 | – | – | .59 | – | – | – | 1.02 | – | | 11 |
| 12 | – | .04 | 1.14 | .03 | – | – | .02 | – | .23 | – | .01 | – | | 12 |
| 13 | – | .09 | .08 | .31 | – | – | .07 | .01 | .13 | – | .09 | .01 | | 13 |
| 14 | – | .12 | .12 | .08 | .22 | – | .21 | .01 | .07 | .03 | – | .37 | | 14 |
| 15 | .04 | – | .02 | – | – | .01 | – | – | – | .01 | .19 | .37 | | 15 |
| 16 | .45 | – | – | – | – | – | .11 | – | 1.51 | .36 | .05 | .12 | | 16 |
| 17 | – | – | .17 | .18 | – | – | .75 | – | .32 | .07 | .72 | .11 | | 17 |
| 18 | – | .05 | .57 | .15 | – | – | .01 | .06 | .28 | – | .23 | .18 | | 18 |
| 19 | .05 | .06 | .17 | .21 | – | – | .41 | – | .18 | .06 | .47 | .06 | | 19 |
| 20 | – | .05 | .57 | .01 | – | – | .15 | .29 | .26 | .05 | .23 | – | | 20 |
| 21 | .08 | – | .07 | – | – | .26 | – | .04 | – | .25 | .15 | – | | 21 |
| 22 | – | .20 | .07 | .37 | .07 | .18 | – | – | .10 | .41 | – | – | | 22 |
| 23 | .01 | .15 | .19 | .09 | – | – | .03 | .01 | .06 | .31 | .30 | .02 | | 23 |
| 24 | .35 | .03 | ш | – | .06 | – | .03 | – | – | .11 | .01 | .09 | | 24 |
| 25 | .04 | – | ш | – | .03 | .03 | – | – | – | .04 | – | tr | | 25 |
| .99 26 | .35 | .10 | .06 | – | .82 | .03 | – | .13 | – | .01 | .25 | – | | 26 |
| 27 | .34 | .10 | .01 | – | .03 | – | .03 | – | – | .03 | – | – | | 27 |
| 28 | .16 | .70 | – | – | .04 | – | – | – | – | – | – | .05 | | 28 |
| 29 | .01 | .02 | .40 | .03 | .12 | .02 | .01 | – | – | .05 | – | .17 | | 29 |
| 30 | .02 | ✕ | .01 | – | – | – | – | – | – | .56 | – | .50 | | 30 |
| 31 | .07 | ✕ | .45 | ✕ | – | ✕ | – | – | ✕ | .23 | ✕ | .25 | | 31 |
| TOTAL | 2.11 | 2.49 | 4.48 | 2.11 | 1.59 | .53 | 4.54 | 1.22 | 3.30 | 5.32 | 5.99 | 4.21 | Year's Total<br>37.89 | ✗ |
| * Days with .01 in. or more. | 16 | 21 | 19 | 18 | 11 | 6 | 19 | 11 | 12 | 24 | 21 | 23 | 201 | ✓ |
| * Days with .04 in. or more. | 12 | 15 | 15 | 12 | 8 | 2 | 11 | 8 | 11 | 18 | 18 | 21 | 151 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) R. Coggins

[P.T.O.

312 Section **A** for the entry of
AIR MINISTRY

FOR OFFICIAL USE.
ORGANIZATION.

3523

FORM 1090.

# REGIST

Kept a Ferryhill, Winter
in the County of Durha

Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of thi*

*lowing*

Jan. 1, following
—

3523

WINTERTON, FERRY HILL HOSPITA

1931 —— 33

780701

| *Date* | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·42 | ·10 | | | | ·02 | ·24 | | | | | 1 |
| 2 | | | ·16 | ·07 | | ·02 | | | ·19 | | | | 2 |
| 3 | | ·08 | | ·64 | | ·75 | | | ·74 | | ·05 | ·28 | 3 |
| 4 | ·15 | ·02 | | ·03 | | ·12 | ·08 | | 1·03 | | ·22 | ·03 | 4 |
| 5 | ·03 | ·18 | | | | | ·03 | | 1·41 | | ·05 | | 5 |
| 6 | | | | | | ·61 | ·22 | ·14 | | | | ·18 | 6 |
| 7 | | ·11 | ·30 | | | ·18 | ·83 | ·12 | ·05 | ·10 | | | 7 |
| 8 | | | ·16 | | ·11 | ·19 | ·02 | ·15 | | | ·21 | | 8 |
| 9 | | | ·15 | ·11 | 6 | | ·56 | ·18 | ·04 | | ·03 | | 9 |
| 10 | | ·12 | ·33 | ·07 | 11<br>·17 | ·12 | ·05 | ·19 | | | ·35 | | 10 |
| 11 | ·04 | | ·12 | ·02 | ·06 | ·23 | ·07 | | | | ·12 | ·03 | 11 |
| 12 | ·03 | ·15 | | | | ·02 | ·91 | | | | | | 12 |
| 13 | ·12 | | | | | | ·42 | ·15 | | ·16 | | | 13 |
| 14 | ·08 | | ·36 | | ·05 | ·04 | ·04 | ·61 | | | | | 14 |
| 15 | ·09 | ·13 | | | ·03 | ·61 | ·38 | ·15 | | | ·18 | ·02 | 15 |
| 16 | | ·06 | | ·25 | ·09 | ·02 | | ·52 | | | ·03 | | 16 |
| 17 | | ·14 | | ·07 | | ·11 | ·08 | | ·18 | | | | 17 |
| 18 | | ·10 | | ·56 | | ·23 | ·06 | ·11 | | ·04 | ·11 | | 18 |
| 19 | ·18 | ·05 | | ·49 | | ·18 | ·34 | ·62 | ·08 | | ·28 | | 19 |
| 20 | ·03 | ·04 | | ·22 | | | ·08 | | | ·08 | | | 20 |
| 21 | | | | ·16 | | | | ·06 | ·06 | | ·06 | | 21 |
| 22 | ·04 | | | ·05 | | | | | | | | | 22 |
| 23 | ·11 | ·04 | | ·10 | ·14 | ·09 | | ·04 | ·04 | | ·03 | | 23 |
| 24 | ·18 | | | ·11 | ·43 | ·22 | ·08 | | ·08 | ·15 | ·19 | | 24 |
| 25 | | | | ·23 | ·11 | | ·16 | | ·03 | | ·05 | | 25 |
| 26 | | | | ·03 | ·07 | | ·07 | | | | ·04 | | 26 |
| 27 | | | | ·11 | | | ·03 | | | | ·31 | | 27 |
| 28 | ·08 | | | ·12 | | | ·02 | | | ·05 | ·08 | | 28 |
| 29 | ·22 | | | ·14 | ·45 | | | | | | | | 29 |
| 30 | ·48 | ✕ | | | ·12 | ·02 | ·42 | | | ·48 | ·04 | ·51 | 30 |
| 31 | ·12 | ✕ | | ✕ | ·78 | ✕ | ·11 | | ✕ | | ✕ | | 31 |
| TOTAL | 42<br>~~1·98~~<br>2·40 | ·10<br>~~1·64~~<br>1·32 | –<br>~~1·68~~<br>1·58 | 3·58 | 2·61 | ~~3·74~~<br>3·76 | ·24 ✓<br>~~5·08~~<br>5·32 | –<br>~~3·28~~<br>3·04 | 4·23 | 1·06 | 2·43 | 1·05 | 3132·38<br>YEAR'S TOTAL<br>~~32·62~~ |
| *Days with ·01 in. or more. | 17 | 15 | 7 | 20 | 13 | 18 | 24 | 13 | 12 | 7 | 19 | 6 | 171 |
| *Days with ·04 in. or more. | 14 | 13 | 7 | 17 | 12 | 14 | 20 | 13 | 11 | 7 | 16 | 3 | 147 |

40-9999 M

(*Signed*) Medical Superintendent [P.T.O.

*See Instruction 2 (*f*) on other side.

312 3523

**Section** A for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Ferryhill Winterton (D.C.M. Hospital)

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

W.D.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following —

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·42 | ·10 | | | | ·02 | ·24 | | | | | 1 |
| 2 | | | 16 | ·07 | | ·02 | | | ·19 | | | | 2 |
| 3 | | 08 | | 64 | | ·75 | | | ·74 | | ·05 | ·28 | 3 |
| 4 | ·15 | ·02 | | ·03 | | ·12 | ·08 | | 1·03 | | ·22 | ·03 | 4 |
| 5 | ·03 | ·18 | | | | | 03 | | 1·41 | | ·05 | | 5 |
| 6 | | | | | | ·61 | ·22 | ·14 | | | | ·18 | 6 |
| 7 | | ·11 | ·30 | | | ·18 | ·83 | ·12 | ·05 | ·10 | | | 7 |
| 8 | | | ·16 | | ·11 | ·19 | ·02 | ·15 | | | ·21 | | 8 |
| 9 | | | ·15 | ·11 | 6 | | 56 | ·18 | ·04 | | 03 | | 9 |
| 10 | | ·12 | ·33 | ·07 | 11<br>·17 | ·12 | ·05 | ·19 | | | ·35 | | 10 |
| 11 | ·04 | | 12 | ·02 | ·06 | ·23 | ·07 | | | | ·12 | ·03 | 11 |
| 12 | 03 | ·15 | | | | ·02 | ·91 | | | | | | 12 |
| 13 | ·12 | | | | | | ·42 | ·15 | | ·16 | | | 13 |
| 14 | ·08 | | 36 | | ·05 | ·04 | ·04 | ·61 | | | | | 14 |
| 15 | ·09 | ·13 | | | ·03 | 61 | ·38 | ·15 | | | ·18 | ·02 | 15 |
| 16 | | ·06 | | ·25 | ·09 | ·02 | | ·52 | | | ·03 | | 16 |
| 17 | | ·14 | | ·07 | | ·11 | ·08 | | ·18 | | | | 17 |
| 18 | | ·10 | | ·56 | | ·23 | ·06 | 11 | | ·04 | ·11 | | 18 |
| 19 | ·18 | ·05 | | ·49 | | ·18 | ·34 | 62 | ·08 | | ·28 | | 19 |
| 20 | ·03 | ·04 | | ·22 | | | ·08 | | | ·08 | | | 20 |
| 21 | | | | 16 | | | | ·06 | ·06 | | ·06 | | 21 |
| 22 | 04 | | | ·05 | | | | | | | | | 22 |
| 23 | ·11 | ·04 | | ·10 | ·14 | ·09 | | ·04 | ·04 | | ·03 | | 23 |
| 24 | ·18 | | | ·11 | ·43 | ·22 | ·08 | | ·08 | ·15 | ·19 | | 24 |
| 25 | | | | ·23 | ·11 | | ·16 | | ·03 | | ·05 | | 25 |
| 26 | | | | ·03 | ·07 | | ·07 | | | | 04 | | 26 |
| 27 | | | | ·11 | | | ·03 | | | | ·31 | | 27 |
| 28 | ·08 | | | ·12 | | | ·02 | | | ·05 | ·08 | | 28 |
| 29 | ·22 | | | ·14 | ·45 | | | | | | | | 29 |
| 30 | ·48 | ✕ | | | ·12 | ·02 | ·42 | | | ·48 | ·04 | ·51 | 30 |
| 31 | ·12 | ✕ | | ✕ | 78 | ✕ | ·11 | | ✕ | | ✕ | | 31 |
| | | | | | | | | | | | | | 3132·38<br>**YEAR'S TOTAL** |
| **TOTAL** | 42<br>~~1·98~~<br>2·40 | ·10<br>~~1·64~~<br>1·32 | –<br>~~1·68~~<br>1·58 | 3·58 | 2·61 | ~~3·74~~<br>3·76 | ·24 ✓<br>~~5·08~~<br>5·32 | –<br>~~3·28~~<br>3·04 | 4·23 | 1·06 | 2·43 | 1·05 | ~~32·62~~ |
| *Days with ·01 in. or more. | 17 | 15 | 7 | 20 | 13 | 18 | 24 | 13 | 12 | 7 | 19 | 6 | 171 |
| *Days with ·04 in. or more. | 14 | 13 | 7 | 17 | 12 | 14 | 20 | 13 | 11 | 7 | 16 | 3 | 147 |

40-9999 M

*See Instruction 2 (*f*) on other side.

*(Signed)* Medical Superintendent [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3523

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* WINTERTON.
*in the County of* DURHAM.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft ...... in.
,, Ground ,, Sea Level 360 ft.

WR

days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ·02

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·17 | | | | | | ·25 | ·10 | ·09 | ·42 | | ·06 | 1 |
| 2 | | | | | ·60 | | | | ·05 | ·05 | ·02 | ·02 | 2 |
| 3 | | | | | ·41 | | | | ·28 | ·10 | ·02 | | 3 |
| 4 | | ·02 | | ·10 | | | | | | ·04 | | ·09 | 4 |
| 5 | ·02 | ·02 | | | ·15 | | ·20 | ·23 | | | | | 5 |
| 6 | ·08 | | ·06 | | ·10 | | | | ·05 | ·03 | | | 6 |
| 7 | ·22 | | | ·09 | ·02 | | | | | | | | 7 |
| 8 | | | | | ·02 | | | | ·20 | ·48 | ·08 | ·14 | 8 |
| 9 | | ·10 | ·12 | | ·06 | | | | ·05 | ·07 | ·05 | | 9 |
| 10 | ·08 | ·30 | | ·11 | | | | | ·02 | ·24 | | | 10 |
| 11 | ·29 | ·23 | ·12 | | | | ·20 | | ·06 | ·53 | | | 11 |
| 12 | | ·14 | | ·07 | ·35 | ·08 | ·95 | | | ·10 | ·03 | | 12 |
| 13 | ·20 | ·15 | | | ·11 | | ·03 | | | | ·03 | | 13 |
| 14 | ·04 | ·13 | | ·04 | ·04 | | | | ·50 | | | ·11 | 14 |
| 15 | ·12 | | | | | | | | | ·05 | ·06 | ·03 | 15 |
| 16 | | | | | ·05 | | | | | | ·10 | ·05 | 16 |
| 17 | ·25 | | | | | | | | | | ·06 | ·03 | 17 |
| 18 | | | | | | | ·05 | | | ·14 | | | 18 |
| 19 | | | | | | | | | | | | | 19 |
| 20 | | | | ·06 | ·11 | | ·06 | | ·03 | ·19 | | | 20 |
| 21 | | | ·46 | ·11 | ·33 | | | ·60 | | ·15 | | | 21 |
| 22 | | | ·78 | ·06 | 1·04 | | ·09 | ·65 | | ·47 | ·10 | | 22 |
| 23 | | | ·27 | ·13 | | | | | | ·06 | ·18 | | 23 |
| 24 | | ·10 | | ·03 | | | ·23 | | ·09 | | | | 24 |
| 25 | | ·04 | | | ·21 | | ·35 | | ·05 | ·03 | | | 25 |
| 26 | | ·06 | | ·09 | ·05 | | | | | ·15 | | | 26 |
| 27 | | | | | ·20 | | ·50 | | ·20 | ·02 | ·05 | | 27 |
| 28 | | | ·48 | ·13 | ·11 | 110 | ·08 | | | ·37 | ·02 | ·03 | 28 |
| 29 | | | ·05 | ·05 | ·36 | | ·12 | ·10 | | ·07 | | | 29 |
| 30 | | × | ·12 | ·04 | ·10 | ·04 | ·34 | ·74 | ·05 | ·22 | ·30 | ·17 | 30 d |
| 31 | | × | ·10 | × | | ·25 × | ·20 ·10 | ·09 | ·42 × | ·15 | ·06 × | ·06 ·82 | 31 26·39 |
| TOTAL | 1·30 ~~1·47~~ | 1·29 ✓ | 2·56 ✓ | 1·11 ✓ | 4·42 ✓ | 1·47 ~~·22~~ | 3·50 ~~3·65~~ | 3·01 ~~3·02~~ | 2·05 ~~·72~~ | 3·71 ~~4·13~~ | 1·16 ~~·10~~ | ·81 ~~·85~~ | YEAR'S TOTAL 26·39 ~~26·54~~ |
| *Days with ·01 in. or more. | ~~10~~ 9 | ~~11~~ ✓ | ~~10~~ ✓ | ~~14~~ ✓ | ~~20~~ ✓ | ~~3~~ 4 | ~~15~~ ✓ | ~~6~~ ✓ | ~~14~~ ✓ | ~~23~~ 22 | ~~14~~ 15 | ~~11~~ ✓ | ~~151~~ ✓ |
| *Days with .04 in. or more. | 8 | 9 | 10 | 13 | 18 | 4 | 14 | 6 | 12 | 19 | 10 | 6 | 129 |

40-9999

M

*See Instruction 2 (f) on other side,

(Signed) R. Sidgwick.

P.T.O.

3523

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

Cord. for W.D.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Ferryhill, Winterton D.C. Mental Hospital

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | | ·05 | | | | | | | | | 1 |
| 2 | | | ·15 | | | | | | | | | | 2 |
| 3 | | | ·15 | | | | | | | | | | 3 |
| 4 | ·08 | | ·32 | | ·28 | | | | | | | | 4 |
| 5 | | | | | ·15 | | | | | | | | 5 |
| 6 | ·24 | ·03 | | | | | | | | | | | 6 |
| 7 | | | | | ·20 | | | | | | | | 7 |
| 8 | | ·20 | | | ·08 | | | | | | | | 8 |
| 9 | ·02 | | ·15 | | | | | | | | | | 9 |
| 10 | | ·28 | | | | | | | | | | | 10 |
| 11 | ·02 | ·10 | | | | ·15 | | | | | | | 11 |
| 12 | | | | | ·07 | | | | | | | | 12 |
| 13 | ·02 | | | | | ·30 | | | | | | | 13 |
| 14 | | | | | ·15 | | | | | | | | 14 |
| 15 | ·10 | | | | | | | | | | | | 15 |
| 16 | ·28 | | | | ·05 | | | | | | | | 16 |
| 17 | ·33 | | | | ·16 | ·10 | | | | | | | 17 |
| 18 | ·25 | ·15 | | | | ·10 | | | | | | | 18 |
| 19 | | ·30 | | ·22 | | ·30 | | | | | | | 19 |
| 20 | | ·20 | ·40 | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | ·06 | | | ·18 | | | | | | | | 22 |
| 23 | | ·34 | | | ·28 | ·05 | | | | | | | 23 |
| 24 | | | | | ·30 | ·26 | | | | | | | 24 |
| 25 | | 30 | | ·20 | | | | | | | | | 25 |
| 26 | | 60 | | 15 | | | | | | | | | 26 |
| 27 | | 40 | | 05 | 15 | | | | | | | | 27 |
| 28 | 02 | | | | | | | | | | | | 28 |
| 29 | | | | ·12 | | | | | | | | | 29 |
| 30 | | × | | ·05 | | | | | | | | | 30 |
| 31 | ·04 | × | ·05 | × | | × | | | × | | × | | 31 |
| TOTAL | 1·42 | 2·96 | ~~1·17~~ 1·22 | ~~·84~~ ·79 | 2·05 | 1·26 | | | | | | | YEAR'S TOTAL |
| *Days with ·01 in. or more. | 12 | 12 | ~~5~~ 6 | 6 | 12 | | | | | | | | |
| *Days with ·04 in. or more. | 7 | 11 | ~~5~~ 6 | 6 | 12 | | | | | | | | |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)..........

P.T.O.

3524

Section **A** for the entry of Daily … COPY FOR OFFICIAL USE.

AIR MINISTRY.—ME … FALL ORGANIZATION.

FORM 1090.

**REGISTER** … **931 .**

3524 —

CROOKFOOT RES.

1931 -- 1940

780701

*Kept at* Crookfoot Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10

Height of top of Gauge above Ground

,, Ground ,, Sea Level

**THE MORNING MEASUREME** … **DAY.**

*An observer who does not conform to this ru* … *the following*

*year in the space on the right of this para*

**Pleas**

Jan. 1, following

| Date | Jan. | Feb. | March | April | | | | | | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·07 | | | | | ·01 | ·28 | | | ·01 | 1 |
| 2 | | ·07 | | ·64 | | ·60 | | | ·54 | ·01 | | ·12 | 2 |
| 3 | ·02 | | | ·04 | | ·07 | ·09 | | ·83 | | ·12 | ·06 | 3 |
| 4 | ·06 | ·07 | | | | | ·05 | | 1·98 | | ·03 | | 4 |
| 5 | | | | | ·05 | ·44 | ·21 | ·12 | | | | ·17 | 5 |
| 6 | | ·04 | ·12 | | | ·37 | ·84 | ·04 | ·01 | ·08 | | | 6 |
| 7 | | | ·05 | | | ·04 | | ·11 | | ·01 | ·08 | ·01 | 7 |
| 8 | ·04 | | ·12 | ·04 | ·06 | ·09 | ·41 | ·17 | | | ·06 | | 8 |
| 9 | ·01 | ·06 | ·07 | ·11 | ·04 | ·07 | ·01 | ·11 | | | ·36 | ·05 | 9 |
| 10 | | | ·08 | | ·06 | ·08 | ·03 | ·06 | | | ·11 | | 10 |
| 11 | ·02 | ·09 | | | | ·02 | ·02 | | | | | | 11 |
| 12 | ·06 | | | | | | ·84 | ·04 | | ·21 | | | 12 |
| 13 | ·04 | | ·23 | | ·03 | ·01 | ·15 | ·01 | | | | | 13 |
| 14 | ·03 | ·06 | ·02 | | | ·59 | ·09 | ·69 | ·01 | | ·06 | ·01 | 14 |
| 15 | | ·02 | | ·20 | ·14 | ·01 | ·17 | ·04 | | | ·05 | ·04 | 15 |
| 16 | ·02 | ·18 | | ·05 | | ·06 | ·07 | ·26 | ·16 | ·01 | | | 16 |
| 17 | | ·08 | | ·32 | | ·14 | ·05 | ·02 | | ·01 | | | 17 |
| 18 | ·16 | ·02 | | ·17 | | ·14 | ·13 | | | ·01 | ·55 | | 18 |
| 19 | ·02 | ·06 | | ·01 | ·01 | ·06 | | ·58 | ·04 | ·04 | | | 19 |
| 20 | ·01 | ·02 | | ·03 | ·01 | | | | ·04 | | ·02 | ·02 | 20 |
| 21 | ·01 | | | ·01 | ·01 | | | ·03 | ·03 | | ·01 | | 21 |
| 22 | ·05 | ·02 | | ·10 | ·12 | ·02 | ·02 | | ·02 | | | | 22 |
| 23 | ·17 | ·03 | | ·06 | ·08 | ·24 | ·06 | | ·07 | ·06 | ·15 | ·02 | 23 |
| 24 | | | | ·06 | ·40 | | ·10 | ·05 | ·03 | ·05 | | | 24 |
| 25 | | | | ·09 | | | ·19 | | | | ·03 | | 25 |
| 26 | | | | ·07 | ·01 | | ·01 | | | | ·22 | | 26 |
| 27 | ·04 | | | ·31 | | | ·03 | | | ·04 | ·06 | | 27 |
| 28 | ·17 | | ·01 | ·08 | ·57 | | | | | | ·03 | | 28 |
| 29 | ·37 | | | | ·12 | | ·40 | | | ·46 | ·01 | ·24 | 29 |
| 30 | ·13 | × | | | ·68 | ·01 | ·03 | | | | | | 30 |
| 31 | ·09 | × | | × | ·04 | × | ·17 | | × | ·02 | × | | 31 |
| TOTAL | 1·52 | ·82 | ·77 | 2·39 | 2·43 | 3·06 | 4·17 | 2·34 | 4·04 | 1·01 | 1·95 | ·75 | YEAR'S TOTAL 25·25 |
| *Days with ·01 in. or more. | 20 | 14 | 9 | 18 | 17 | 19 | 24 | 16 | 13 | 13 | 17 | 11 | 191 |
| *Days with ·04 in. or more. | 12 | 9 | 7 | 15 | 12 | 14 | 17 | 12 | 8 | 7 | 11 | 6 | 130 |

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*See Instruction 2 (*f*) on other side.

(Signed) for/ J.R. Bradshaw

P.T.O.

J. G. S.

3524

**Section** **A** for the entry of Daily

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Crookfoot Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. sq. (Casella)

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293·0 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·07 | | | | | ·01 | ·28 | | | ·01 | 1 |
| 2 | | ·07 | | ·64 | | ·60 | | | ·54 | ·01 | | ·12 | 2 |
| 3 | ·02 | | | ·04 | | ·07 | ·09 | | ·83 | | ·12 | ·06 | 3 |
| 4 | ·06 | ·07 | | | | | ·05 | | 1·98 | | ·03 | | 4 |
| 5 | | | | | ·05 | ·44 | ·21 | ·12 | | | | ·17 | 5 |
| 6 | | ·04 | ·12 | | | ·37 | ·84 | ·04 | ·01 | ·08 | | | 6 |
| 7 | | | ·05 | | | ·04 | | ·11 | | ·01 | ·08 | ·01 | 7 |
| 8 | ·04 | | ·12 | ·04 | ·06 | ·09 | ·41 | ·17 | | | ·06 | | 8 |
| 9 | ·01 | ·06 | ·07 | ·11 | ·04 | ·07 | ·01 | ·11 | | | ·36 | ·05 | 9 |
| 10 | | | ·08 | | ·06 | ·08 | ·03 | ·06 | | | ·11 | | 10 |
| 11 | ·02 | ·09 | | | | ·02 | ·02 | | | | | | 11 |
| 12 | ·06 | | | | | | ·84 | ·04 | | ·21 | | | 12 |
| 13 | ·04 | | ·23 | | ·03 | ·01 | ·15 | ·01 | | | | | 13 |
| 14 | ·03 | ·06 | ·02 | | | ·59 | ·09 | ·69 | ·01 | | ·06 | ·01 | 14 |
| 15 | | ·02 | | ·20 | ·14 | ·01 | ·17 | ·04 | | | ·05 | ·04 | 15 |
| 16 | ·02 | ·18 | | ·05 | | ·06 | ·07 | ·26 | ·16 | ·01 | | | 16 |
| 17 | | ·08 | | ·32 | | ·14 | ·05 | ·02 | | ·01 | | | 17 |
| 18 | ·16 | ·02 | | ·17 | | ·14 | ·13 | | | ·01 | ·55 | | 18 |
| 19 | ·02 | ·06 | | ·01 | ·01 | ·06 | | ·58 | ·04 | ·04 | | | 19 |
| 20 | ·01 | ·02 | | ·03 | ·01 | | | | ·04 | | ·02 | ·02 | 20 |
| 21 | ·01 | | | ·01 | ·01 | | | ·03 | ·03 | | ·01 | | 21 |
| 22 | ·05 | ·02 | | ·10 | ·12 | ·02 | ·02 | | ·02 | | | | 22 |
| 23 | ·17 | ·03 | | ·06 | ·08 | ·24 | ·06 | | ·07 | ·06 | ·15 | ·02 | 23 |
| 24 | | | | ·06 | ·40 | | ·10 | ·05 | ·03 | ·05 | | | 24 |
| 25 | | | | ·09 | | | ·19 | | | | ·03 | | 25 |
| 26 | | | | ·07 | ·01 | | ·01 | | | | ·22 | | 26 |
| 27 | ·04 | | | ·31 | | | ·03 | | | ·04 | ·06 | | 27 |
| 28 | ·17 | | ·01 | ·08 | ·57 | | | | | | ·03 | | 28 |
| 29 | ·37 | | | | ·12 | | ·40 | | | ·46 | ·01 | ·24 | 29 |
| 30 | ·13 | × | | | ·68 | ·01 | ·03 | | | | | | 30 |
| 31 | ·09 | × | | × | ·04 | × | ·17 | | × | ·02 | × | | 31 |
| TOTAL | 1·52 | ·82 | ·77 | 2·39 | 2·43 | 3·06 | 4·17 | 2·34 | 4·04 | 1·01 | 1·95 | ·75 | YEAR'S TOTAL 25·25 |
| *Days with ·01 in. or more. | 20 | 14 | 9 | 18 | 17 | 19 | 24 | 16 | 13 | 13 | 17 | 11 | 191 |
| *Days with ·04 in. or more. | 12 | 9 | 7 | 15 | 12 | 14 | 17 | 12 | 8 | 7 | 11 | 6 | 130 |

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*See Instruction 2 (*f*) on other side.

(Signed) for / J. R. Bradshaw

P.T.O.

J. G. S.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Crookfoot Reservoir
*in the County of* Durham

Diameter of Funnel of Gauge 10"x10" Square
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level 293 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | ·03 | ·24 | ·01 | | | ·16 | ·23 | ·03 | | 1 |
| 2 | | | | | ·51 | | ·02 | ·01 | ·27 | ·08 | ·02 | ·03 | 2 |
| 3 | | ·01 | | ·02 | ·01 | | ·03 | | | ·03 | | ·08 | 3 |
| 4 | ·03 | ·01 | | | ·04 | ·01 | ·11 | ·08 | | ·01 | | | 4 |
| 5 | ·07 | | ·05 | | ·09 | | | | ·06 | | | ·13 | 5 |
| 6 | ·21 | | | ·02 | ·01 | | | | | | | ·03 | 6 |
| 7 | | | ·11 | ·01 | ·02 | ·01 | | | ·11 | ·12 | ·03 | | 7 |
| 8 | | ·08 | | ·04 | ·02 | | | | ·09 | ·06 | ·16 | | 8 |
| 9 | ·15 | ·11 | ·01 | ·03 | | | | | ·01 | ·17 | | ·16 | 9 |
| 10 | ·09 | ·06 | ·04 | ·03 | | | ·02 | | ·07 | ·31 | ·01 | ·10 | 10 |
| 11 | | ·15 | ·05 | ·02 | ·28 | ·09 | ·23 | | ·01 | ·02 | ·01 | | 11 |
| 12 | ·12 | ·07 | | | ·10 | | ·01 | ·04 | | ·07 | ·02 | | 12 |
| 13 | | ·27 | | ·02 | ·05 | | ·01 | | ·47 | | ·01 | ·06 | 13 |
| 14 | ·06 | ·04 | | ·04 | | | ·01 | ·01 | | | ·02 | ·02 | 14 |
| 15 | | | | | ·05 | | | | | ·05 | ·12 | ·02 | 15 |
| 16 | ·19 | | ·02 | | ·02 | | | | ·01 | ·02 | ·06 | ·02 | 16 |
| 17 | | | ·03 | | ·01 | | ·02 | | | ·12 | ·01 | | 17 |
| 18 | | ·01 | | | ·02 | | | ·02 | | | ·01 | | 18 |
| 19 | | | ·01 | ·05 | ·04 | | | ·02 | ·01 | ·25 | | | 19 |
| 20 | | | ·11 | ·04 | ·11 | | ·07 | ·36 | | ·13 | | ·01 | 20 |
| 21 | | | ·65 | ·06 | 1·32 | | | ·92 | | ·45 | ·02 | ·01 | 21 |
| 22 | ·01 | | ·49 | ·18 | ·05 | ·01 | ·32 | | | ·06 | ·12 | | 22 |
| 23 | | ·05 | | ·04 | | | ·05 | | ·08 | | ·02 | | 23 |
| 24 | | ·01 | | | ·07 | | ·29 | | ·04 | | | | 24 |
| 25 | | ·03 | | ·07 | ·01 | | | ·08 | | ·15 | ·01 | | 25 |
| 26 | ·01 | ·01 | | | ·19 | | ·28 | | ·15 | ·01 | | ·01 | 26 |
| 27 | | | ·56 | ·11 | ·08 | ·58 | ·65 | | ·05 | ·30 | ·07 | ·03 | 27 |
| 28 | ·01 | | ·01 | ·06 | ·37 | ·31 | | ·15 | | ·12 | | ·01 | 28 |
| 29 | | | ·12 | ·04 | ·04 | | ·46 | 1·47 | ·02 | ·21 | ·10 | ·05 | 29 |
| 30 | | × | ·05 | ·02 | | ·24 | ·05 | ·05 | ·27 | ·08 | ·23 | ·11 | 30 |
| 31 | | × | ·02 | × | | × | ·59 | | × | ·01 | × | ·01 | 31 |
| TOTAL | ·95 | ·91 | 2·33 | ·93 | 3·75 | 1·26 | 3·22 | 3·21 | 1·88 | 3·06 | 1·08 | ·89 | YEAR'S TOTAL<br>23·47 |
| *Days with ·01 in. or more. | 11 | 14 | 16 | 20 | 25 | 8 | 18 | 12 | 17 | 24 | 20 | 18 | 203 |
| *Days with .04 in. or more. | 7 | 8 | 10 | 11 | 17 | 4 | 11 | 8 | 12 | 18 | 7 | 7 | 120 |

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*See Instruction 2 (f) on other side.

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(Signed) for J. R. Bradshaw

S. F. S.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

C *Kept at* CROOKFOOT RESERVOIR.

*in the County of* DURHAM.

SQUARE ~~Diameter~~ of Funnel of Gauge 10"×10" in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293·0 ft.

Days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | | ·16 | | | | | | | | ·26 | ·01 | | 1 |
| 2 | ·08 | | ·15 | | | | | | | | ·76 | ·02 | | 2 |
| 3 | | ·02 | ·26 | | ·24 | | | | | | ·32 | | | 3 |
| 4 | ·09 | ·02 | ·06 | | ·02 | | | | | | ·28 | | | 4 |
| 5 | ·01 | | ·01 | | ·07 | | | | | | | | | 5 |
| 6 | | ·01 | | | ·08 | | | | ·01 | ·01 | ·01 | ·09 | | 6 |
| 7 | ·01 | ·12 | | | ·18 | | | | ·01 | ·18 | | ·02 | | 7 |
| 8 | ·02 | | ·15 | | | ·23 | ·07 | | | | | ·06 | | 8 |
| 9 | | ·27 | | | ·01 | | ·12 | | | ·22 | ·05 | ·06 | | 9 |
| 10 | ·01 | ·07 | | | | ·06 | ·08 | | | ·39 | ·06 | ·08 | | 10 |
| 11 | ·05 | ·01 | | | ·05 | | ·02 | | | ·01 | ·08 | | | 11 |
| 12 | ·02 | | | | ·01 | ·29 | ·01 | | | | | ·16 | | 12 |
| 13 | | | ·03 | | ·09 | | ·11 | ·07 | ·02 | | ·07 | | | 13 |
| 14 | ·02 | | | | ·01 | | ·56 | | | | ·03 | ·04 | | 14 |
| 15 | ·38 | | ·01 | | | | ·18 | | | ·34 | ·06 | ·25 | | 15 |
| 16 | ·47 | | ·02 | ·01 | ·18 | ·06 | | ·01 | | | ·18 | ·01 | | 16 |
| 17 | ·40 | ·09 | ·08 | ·07 | | ·23 | | | ·04 | | ·13 | | | 17 |
| 18 | | ·13 | ·02 | ·05 | | ·14 | | | | | ·19 | ·02 | | 18 |
| 19 | | ·03 | ·43 | ·02 | | ·01 | ·40 | ·01 | | | ·12 | ·03 | | 19 |
| 20 | | ·07 | | ·02 | | | | | ·34 | ·12 | ·02 | | | 20 |
| 21 | | ·01 | | | | ·02 | | | ·03 | ·03 | ·05 | ·02 | | 21 |
| 22 | | ·04 | | | | | | ·01 | | 1·25 | ·01 | | | 22 |
| 23 | | ·20 | | ·02 | ·19 | ·04 | | ·13 | ·30 | ·03 | ·01 | ·01 | | 23 |
| 24 | | ·14 | | ·17 | ·46 | ·03 | ·02 | | ·23 | ·02 | ·05 | ·11 | | 24 |
| 25 | | ·12 | | ·16 | | | | ·02 | ·74 | ·37 | ·01 | ·04 | | 25 |
| 26 | | ·23 | | ·11 | ·03 | | | | | ·14 | ·12 | ·19 | | 26 |
| 27 | ·01 | ·01 | | | | | ·03 | | ·02 | ·40 | ·11 | ·01 | | 27 |
| 28 | ·01 | | | ·05 | | | ·01 | ·01 | ·01 | ·33 | | ·08 | | 28 |
| 29 | | | | ·20 | ·01 | | ·61 | | ·01 | ·35 | | ·03 | | 29 |
| 30 | ·04 | × | | | | | ·06 | | ·04 | ·01 | | ·43 | | 30 |
| 31 | | × | ·05 | × | | × | ·04 | ·10 | × | | × | ·01 | | 31 |
| TOTAL | 1·64 | 1·59 | 1·43 | ·88 | 1·63 | 1·11 | 2·32 | ·36 | 1·80 | 4·20 | 2·98 | 1·78 | Year's Total<br>21·72 | |
| *Days with ·01 in. or more. | 16 | 18 | 13 | 11 | 15 | 10 | 15 | 8 | 13 | 17 | 23 | 23 | 182 | |
| *Days with ·04 in. or more. | 7 | 11 | 8 | 7 | 9 | 7 | 10 | 3 | 6 | 11 | 17 | 10 | 106 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) for J. R. Bradshaw

HARTLEPOOL GAS & WATER CO.

P.T.O.

3524

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Hurworth Burn, Crookfoot Res

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·02 | | ·16 | – | | | | | | | ·26 | ·01 | 1 |
| 2 | ·08 | | ·15 | | | | | | | | ·76 | ·02 | 2 |
| 3 | | ·02 | ·26 | | ·24 | | | | | | ·32 | | 3 |
| 4 | 09 | ·02 | ·06 | | ·02 | | | | | | ·28 | | 4 |
| 5 | ·01 | | ·01 | | ·07 | | | | | | | | 5 |
| 6 | | ·01 | | | ·08 | | | | ·01 | ·01 | ·01 | ·09 | 6 |
| 7 | 01 | ·12 | | | ·18 | | | | ·01 | ·18 | | 02 | 7 |
| 8 | ·02 | | 15 | | | ·23 | ·07 | | | | | ·06 | 8 |
| 9 | | 27 | | | ·01 | | ·12 | | | ·22 | ·05 | ·06 | 9 |
| 10 | ·01 | ·07 | | | | ·06 | ·08 | | | ·39 | ·06 | ·08 | 10 |
| 11 | ·05 | ·01 | | | ·05 | | ·02 | | | 01 | ·08 | | 11 |
| 12 | ·02 | | | | ·01 | ·29 | ·01 | | | | | 16 | 12 |
| 13 | | | ·03 | | ·09 | | ·11 | ·07 | ·02 | | ·07 | | 13 |
| 14 | ·02 | | | | ·01 | | ·56 | | | | ·03 | ·04 | 14 |
| 15 | ·38 | | 01 | | | | ·18 | | | ·34 | ·06 | 25 | 15 |
| 16 | ·47 | | ·02 | ·01 | ·18 | ·06 | | ·01 | | | ·18 | ·01 | 16 |
| 17 | ·40 | 09 | ·08 | 07 | | ·23 | | | ·04 | | ·13 | | 17 |
| 18 | | 13 | ·02 | ·05 | | ·14 | | | | | ·19 | 02 | 18 |
| 19 | | ·03 | ·43 | ·02 | | 01 | ·40 | ·01 | | | ·12 | ·03 | 19 |
| 20 | | ·07 | | ·02 | | | | | ·34 | ·12 | ·02 | | 20 |
| 21 | | 01 | | | | ·02 | | | ·03 | ·03 | ·05 | ·02 | 21 |
| 22 | | 04 | | | | | | ·01 | | 1·25 | ·01 | | 22 |
| 23 | | ·20 | | ·02 | ·19 | ·04 | | ·13 | ·30 | ·03 | ·01 | ·01 | 23 |
| 24 | | ·14 | | ·17 | ·46 | ·03 | ·02 | | ·23 | ·02 | ·05 | ·11 | 24 |
| 25 | | ·12 | | ·16 | | | | ·02 | ·74 | ·37 | ·01 | ·04 | 25 |
| 26 | | ·23 | | ·11 | ·03 | | | | | ·14 | ·12 | ·19 | 26 |
| 27 | ·01 | ·01 | | | | | ·03 | | ·02 | ·40 | ·11 | ·01 | 27 |
| 28 | ·01 | | | ·05 | | | ·01 | ·01 | ·01 | ·33 | | ·08 | 28 |
| 29 | | | | ·20 | ·01 | | ·61 | | ·01 | ·35 | | ·03 | 29 |
| 30 | ·04 | ✕ | | | | | ·06 | | ·04 | ·01 | | ·43 | 30 |
| 31 | | ✕ | ·05 | ✕ | | ✕ | ·04 | 10 | ✕ | | ✕ | ·01 | 31 |
| TOTAL | 1·64 | 1·59 | 1·43 | ·88 | 1·63 | 1·11 | 2·32 | ·36 | 1·80 | 4·20 | 2·98 | 1·78 | YEAR'S TOTAL<br>21·72 |
| *Days with ·01 in. or more. | 16 | 18 | 13 | 11 | 15 | 10 | 15 | 8 | 13 | 17 | 23 | 23 | 182 |
| *Days with ·04 in. or more. | 7 | 11 | 8 | 7 | 9 | 7 | 10 | 3 | 6 | 11 | 17 | 18 | 109 |

40-9999

(Signed) J. R. Bradshaw [P.T.O.

*See Instruction 2 (*f*) on other side.

M

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* CROOKFOOT RESERVOIR

*in the County of* DURHAM

~~Diameter of~~ Funnel of Gauge 10 in. sq.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293 ft.

Days

alf

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·06 | | | | | | | ·22 | ·03 | | | ·03 | | 1 |
| 2 | ·01 | ·01 | | | | | | ·15 | ·07 | | ·09 | ·27 | | 2 |
| 3 | | ·02 | | ·02 | | | | | | ·18 | ·10 | ·06 | | 3 |
| 4 | ·01 | | | ·07 | | ·01 | | | | ·11 | ·11 | ·67 | | 4 |
| 5 | | | ·05 | ·04 | ·03 | | | ·01 | ·06 | | ·30 | ·58 | | 5 |
| 6 | | | ·02 | | ·19 | ·06 | | 1·26 | ·01 | ·05 | ·05 | ·22 | | 6 |
| 7 | ·03 | ·01 | | | ·01 | ·55 | | | ·03 | | | ·11 | | 7 |
| 8 | | | ·01 | | | ·03 | | ·02 | ·08 | ·03 | | ·06 | | 8 |
| 9 | | | | ·44 | | | | ·01 | ·01 | ·01 | ·64 | ·01 | | 9 |
| 10 | ·01 | | ·13 | ·05 | | | | ·28 | | | ·26 | | | 10 |
| 11 | ·08 | | ·39 | ·59 | | | | ·05 | | | ·15 | ·04 | | 11 |
| 12 | | ·01 | ·27 | ·34 | | | ·17 | ·06 | ·01 | | ·13 | ·13 | | 12 |
| 13 | ·25 | | ·06 | ·01 | | | ·39 | ·05 | ·01 | ·02 | ·06 | ·01 | | 13 |
| 14 | ·08 | | ·17 | | ·01 | | ·32 | | ·01 | | ·05 | ·19 | | 14 |
| 15 | | | ·04 | | ·22 | | | ·01 | ·01 | ·22 | ·06 | ·08 | | 15 |
| 16 | ·10 | | ·07 | | ·05 | ·13 | | | | ·01 | ·08 | | | 16 |
| 17 | ·04 | | ·05 | | | | ·18 | | ·19 | ·06 | | ·15 | | 17 |
| 18 | ·08 | | | | ·32 | ·15 | ·05 | ·04 | | | | ·09 | | 18 |
| 19 | | | ·11 | ·10 | ·01 | ·18 | | ·01 | ·03 | ·07 | | ·01 | | 19 |
| 20 | | | ·26 | | | ·05 | | ·09 | | | | ·01 | | 20 |
| 21 | | | | | | ·38 | | | ·14 | ·05 | | | | 21 |
| 22 | | | | ·01 | | ·24 | | ·18 | ·14 | ·06 | | | | 22 |
| 23 | | | ·04 | ·19 | | | ·22 | | | ·16 | ·01 | ·10 | | 23 |
| 24 | | | | | ·02 | ·35 | ·02 | | ·15 | ·36 | | ·06 | | 24 |
| 25 | | ·01 | | ·07 | | | ·01 | | ·06 | ·09 | ·04 | ·42 | | 25 |
| 26 | ·04 | ·02 | | ·52 | | ·08 | | | ·03 | ·01 | | ·02 | | 26 |
| 27 | | ·41 | | ·10 | | ·13 | ·03 | | | ·13 | | ·05 | | 27 |
| 28 | | | | ·32 | | ·01 | | ·21 | | ·04 | | ·27 | | 28 |
| 29 | | | ·09 | | | | ·08 | ·07 | ·36 | ·10 | | ·17 | | 29 |
| 30 | ·06 | × | | | | | ·13 | | ·02 | ·67 | | ·01 | | 30 |
| 31 | ·07 | × | | × | | × | ·01 | ·07 | × | ·01 | × | ·02 | | 31 |
| TOTAL | ·92 | ·49 | 1·76 | 2·87 | ·86 | 2·35 | 1·61 | 2·79 | 1·45 | 2·44 | 2·13 | 3·84 | Year's Total<br>23·51 | |
| *Days with ·01 in. or more. | 14 | 7 ~~8~~ | 15 | 15 | 9 | 14 | 12 | 18 | 20 | 21 | 15 | 24 | 186 | |
| *Days with .04 in. or more. | 10 | 1 | 13 | 12 | 4 | 11 | 8 | 13 | 9 | 15 | 14 | 19 | 129 | |

† Spare column, no entries required.

40-9999

*See Instruction 2 (*f*) on other side.

HARTLEPOOL GAS & WATER COMPANY (*Signed*) for / J R Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Hurworth Burn, Crookfoot Res.

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level ............ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·06 |  |  |  |  |  |  | ·22 | ·03 |  |  | ·03 |  | 1 |
| 2 | ·01 | ·01 |  |  |  |  |  | ·15 | ·07 |  | ·09 | ·27 |  | 2 |
| 3 |  | ·02 |  | ·02 |  |  |  |  |  | ·18 | ·10 | ·06 |  | 3 |
| 4 | ·01 |  |  | ·07 |  | ·01 |  |  |  | ·11 | ·11 | ·67 |  | 4 |
| 5 |  |  | ·05 | ·04 | ·03 |  |  | ·01 | ·06 |  | ·30 | ·58 |  | 5 |
| 6 |  |  | ·02 |  | ·19 | ·06 |  | 1·26 | ·01 | ·05 | ·05 | ·22 |  | 6 |
| 7 | ·03 | ·01 |  |  | ·01 | ·55 |  |  | ·03 |  |  | ·11 |  | 7 |
| 8 |  |  | ·01 |  |  | ·03 |  | ·02 | ·08 | ·03 |  | ·06 |  | 8 |
| 9 |  |  |  | ·44 |  |  |  | ·01 | ·01 | ·01 | ·64 | ·01 |  | 9 |
| 10 | ·01 |  | ·13 | ·05 |  |  |  | ·28 |  |  | ·26 |  |  | 10 |
| 11 | ·08 |  | ·39 | ·59 |  |  |  | ·05 |  |  | ·15 | ·04 |  | 11 |
| 12 |  | ·01 | ·27 | ·34 |  |  | ·17 | ·06 | ·01 |  | ·13 | ·13 |  | 12 |
| 13 | ·25 |  | ·06 | ·01 |  |  | ·39 | ·05 | ·01 | ·02 | ·06 | ·01 |  | 13 |
| 14 | ·08 |  | ·17 |  | ·01 |  | ·32 |  | ·01 |  | ·05 | ·19 |  | 14 |
| 15 |  |  | ·04 |  | ·22 |  |  | ·01 | ·01 | ·22 | ·06 | ·08 |  | 15 |
| 16 | ·10 |  | ·07 |  | ·05 | ·13 |  |  |  | ·01 | ·08 |  |  | 16 |
| 17 | ·04 |  | ·05 |  |  |  | ·18 |  | ·19 | ·06 |  | ·15 |  | 17 |
| 18 | ·08 |  |  |  | ·32 | ·15 | ·05 | ·04 |  |  |  | ·09 |  | 18 |
| 19 |  |  | ·11 | ·10 | ·01 | ·18 |  | ·01 | ·03 | ·07 |  | ·01 |  | 19 |
| 20 |  |  | ·26 |  |  | ·05 |  | ·09 |  |  |  | ·01 |  | 20 |
| 21 |  |  |  |  |  | ·38 |  |  | ·14 | ·05 |  |  |  | 21 |
| 22 |  |  |  | ·01 |  | ·24 |  | ·18 | ·14 | ·06 |  |  |  | 22 |
| 23 |  |  | ·04 | ·19 |  |  | ·22 |  |  | ·16 | ·01 | ·10 |  | 23 |
| 24 |  |  |  |  | ·02 | ·35 | ·02 |  | ·15 | ·36 |  | ·06 |  | 24 |
| 25 |  | ·01 |  | ·07 |  |  | ·01 |  | ·06 | ·09 | ·04 | ·42 |  | 25 |
| 26 | ·04 | ·02 |  | ·52 |  | ·08 |  |  | ·03 | ·01 |  | ·02 |  | 26 |
| 27 |  | ·41 |  | ·10 |  | ·13 | ·03 |  |  | ·13 |  | ·05 |  | 27 |
| 28 |  |  |  | ·32 |  | ·01 |  | ·21 |  | ·04 |  | ·27 |  | 28 |
| 29 |  |  | ·09 |  |  |  | ·08 | ·07 | ·36 | ·10 |  | ·17 |  | 29 |
| 30 | ·06 | X |  |  |  |  | ·13 |  | ·02 | ·67 |  | ·01 |  | 30 |
| 31 | ·07 | X |  | X |  | X | ·01 | ·07 | X | ·01 | X | ·02 |  | 31 |
| TOTAL | ·92 | ·49 | 1·76 | 2·87 | ·86 | 2·35 | 1·61 | 2·79 | 1·45 | 2·44 | 2·13 | 3·84 | Year's Total<br>23·51 |  |
| *Days with ·01 in. or more. | 14 | 7 | 15 | 15 | 9 | 14 | 12 | 18 | 20 | 21 | 15 | 27 | 187 |  |
| *Days with .04 in. or more. | 10 | 1 | 13 | 12 | 4 | 11 | 8 | 13 | 9 | 15 | 14 | 19 | 129 |  |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

[P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Crookfoot Reservoir

*in the County of* Durham

~~Diameter~~ SQUARE of Funnel of Gauge 10"×10" in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .41 | | .06 | .13 | | | .03 | | .29 | .12 | .02 | .06 | | 1 |
| 2 | | | .06 | .15 | | .05 | | | | .48 | | | | 2 |
| 3 | | .47 | .16 | .10 | | .20 | | | .11 | | .25 | | | 3 |
| 4 | | | .01 | | | .44 | | | | .53 | .05 | | | 4 |
| 5 | .23 | .52 | | | | .05 | .01 | | .33 | .55 | .02 | | | 5 |
| 6 | .19 | .03 | | | | .07 | | | | .26 | | .01 | | 6 |
| 7 | .30 | | | .08 | | .22 | | | | .17 | .62 | .09 | | 7 |
| 8 | | | | .11 | | .03 | | | | .02 | .02 | .11 | | 8 |
| 9 | .01 | .01 | | .20 | .01 | .06 | | | | .41 | .17 | .01 | | 9 |
| 10 | | .05 | | .01 | | .13 | | | | .08 | .10 | | | 10 |
| 11 | .06 | | | | | .03 | | .17 | | .01 | .02 | .06 | | 11 |
| 12 | | .01 | | | | .04 | | | | | | | | 12 |
| 13 | .07 | | | .14 | .17 | .01 | .12 | | .05 | | | .01 | | 13 |
| 14 | | | | .04 | .05 | .16 | .11 | | .13 | | .26 | .08 | | 14 |
| 15 | | .03 | | .43 | .07 | .01 | | | .23 | .09 | .06 | .10 | | 15 |
| 16 | | .15 | .09 | .19 | .13 | | | .18 | .18 | | .30 | .05 | | 16 |
| 17 | | | | .27 | .01 | .28 | | | | | 1.09 | .14 | | 17 |
| 18 | .06 | | | | | .04 | .12 | .17 | .07 | .06 | .24 | .25 | | 18 |
| 19 | .05 | .06 | | .03 | | .22 | .11 | | | | .03 | .07 | | 19 |
| 20 | | .14 | | .21 | | .12 | .01 | | | | .07 | | | 20 |
| 21 | | .08 | | .25 | | | | | 1.78 | .36 | .05 | | | 21 |
| 22 | | .21 | .02 | | | | | | | .01 | .05 | | | 22 |
| 23 | .04 | | .05 | | | | | .20 | | .13 | .05 | | | 23 |
| 24 | .04 | .49 | .09 | .02 | | | | .01 | 1.05 | .01 | | .21 | | 24 |
| 25 | .07 | .04 | | | | .03 | | | | | .01 | .14 | | 25 |
| 26 | .32 | | | .02 | | .01 | .05 | .77 | .28 | .10 | .03 | .25 | | 26 |
| 27 | .06 | .03 | | | | .01 | | | .20 | .07 | .10 | .31 | | 27 |
| 28 | .03 | .09 | .01 | | | | | .01 | .04 | .24 | | .01 | | 28 |
| 29 | | | .15 | | | .01 | | .07 | .05 | .02 | .03 | .10 | | 29 |
| 30 | | ✕ | | | | .29 | | .02 | .67 | .17 | .15 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | .02 | ✕ | .24 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1.94 | 2.41 | .70 | 2.38 | .44 | 2.51 | .56 | 1.60 | 5.46 | 3.91 | 3.79 | 2.30 | 28.0 | |
| * Days with .01 in. or more. | 15 | 16 | 10 | 17 | 6 | 23 | 8 | 9 | 15 | 22 | 24 | 20 | 185 | |
| * Days with .04 in. or more. | 13 | 11 | 7 | 13 | 4 | 15 | 5 | 6 | 15 | 16 | 16 | 16 | 137 | |

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) for J. K. Bradshaw [P.T.O.

47

Travelling from J. R. [illegible]

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* CROOKFOOT RESERVOIR

*in the County of* DURHAM

~~Diameter of~~ Funnel of Gauge 10in. x 10 in. SQUARE

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 293 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | .15 | .08 | .13 | .01 | – | .13 | .08 | .28 | .12 | .01 | .02 | – | 1 |
| 2 | .01 | .01 | .04 | – | – | .18 | .18 | .07 | – | – | .09 | .03 | 2 |
| 3 | – | .03 | – | – | – | 1.27 | .09 | – | .29 | – | – | – | 3 |
| 4 | .19 | – | .03 | – | .01 | .05 | – | .12 | .03 | .03 | .04 | .05 | 4 |
| 5 | .04 | – | – | – | .02 | .02 | – | .12 | .02 | – | .06 | – | 5 |
| 6 | .04 | – | – | .03 | .02 | – | .03 | .96 | .55 | – | .10 | – | 6 |
| 7 | .12 | – | – | – | – | – | .66 | – | .03 | .01 | .01 | .05 | 7 |
| 8 | .13 | – | .15 | – | – | – | – | – | .01 | .04 | .01 | .02 | 8 |
| 9 | .30 | – | .48 | – | .06 | .01 | – | .01 | – | .19 | .10 | – | 9 |
| 10 | .04 | – | .01 | .01 | – | – | .10 | – | – | .05 | .02 | – | 10 |
| 11 | – | – | – | .14 | – | – | .43 | .08 | – | – | .43 | .01 | 11 |
| 12 | – | – | – | .21 | .12 | .22 | .03 | .15 | .25 | – | .31 | .05 | 12 |
| 13 | – | – | – | .27 | – | .12 | .07 | – | – | .10 | .03 | .28 | 13 |
| 14 | – | – | – | .14 | – | .17 | .05 | .06 | .01 | – | .01 | .79 | 14 |
| 15 | .03 | – | – | .11 | – | .02 | .26 | – | .03 | – | .11 | .05 | 15 |
| 16 | .08 | .01 | – | .01 | – | .03 | – | – | – | – | .27 | – | 16 |
| 17 | – | .24 | – | – | .04 | – | .27 | – | – | .04 | .34 | – | 17 |
| 18 | – | .09 | .01 | .06 | – | – | – | .05 | – | .04 | .01 | – | 18 |
| 19 | .54 | .29 | – | – | – | – | .10 | .03 | – | .04 | – | – | 19 |
| 20 | .09 | .07 | – | – | .03 | .04 | .06 | – | – | .01 | – | – | 20 |
| 21 | .03 | – | .01 | – | – | – | – | – | – | – | – | .02 | 21 |
| 22 | – | .29 | .04 | – | .07 | .19 | – | – | – | – | .01 | – | 22 |
| 23 | – | .01 | .01 | .07 | .11 | – | .76 | – | – | – | – | – | 23 |
| 24 | .02 | .12 | .01 | .01 | .94 | – | – | – | .29 | .13 | .01 | – | 24 |
| 25 | .30 | – | .06 | – | – | – | .11 | – | .43 | .01 | – | – | 25 |
| 26 | .02 | .04 | .50 | – | – | – | .02 | – | .08 | .20 | – | – | 26 |
| 27 | .04 | .03 | .01 | – | – | – | – | .01 | .15 | .05 | .03 | .01 | 27 |
| 28 | .25 | .68 | – | – | – | – | .24 | – | .01 | – | .04 | – | 28 |
| 29 | .58 | .44 | .06 | – | .28 | .51 | .04 | – | – | .03 | .13 | – | 29 |
| 30 | .02 | × | – | – | .03 | .22 | .38 | – | .01 | .19 | – | – | 30 |
| 31 | – | × | .02 | × | .04 | × | – | – | × | – | × | .03 | 31 |
| TOTAL | 3.02 | 2.43 | 1.57 | 1.07 | 1.77 | 3.18 | 3.96 | 1.94 | 2.31 | 1.17 | 2.18 | 1.39 | YEAR'S TOTAL 25.99 |
| *Days with .01 in. or more. | 21 | 15 | 16 | 12 | 13 | 15 | 20 | 12 | 16 | 17 | 22 | 12 | 191 |
| *Days with .04 in. or more. | 15 | 10 | 8 | 7 | 8 | 11 | 17 | 9 | 8 | 11 | 12 | 6 | 122 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) for J R Bradshaw E.W.J.

P.T.O.

47 Travelling form J. R. Bradshaw Esq.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Crookfoot Reservoir

*in the County of* Durham

~~Diameter~~ of Funnel of Gauge 10in X 10 in. SQUARE

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·05 | ·05 | - | - | ·05 | - | ·01 | ·14 | ·01 | ·01 | ·31 | | 1 |
| 2 | - | ·06 | ·01 | ·26 | - | ·02 | - | - | - | - | - | ·18 | | 2 |
| 3 | - | ·01 | - | ·05 | ·01 | ·28 | ·24 | ·01 | - | - | - | ·06 | | 3 |
| 4 | ·02 | - | ·09 | ·08 | ·06 | - | ·02 | ·09 | - | - | - | ·09 | | 4 |
| 5 | - | - | ·08 | ·01 | ·05 | - | ·02 | - | ·03 | ·01 | - | ·40 | | 5 |
| 6 | - | - | ·03 | ·02 | ·13 | - | - | - | - | - | ·13 | ·22 | | 6 |
| 7 | - | ·13 | ·16 | ·06 | ·02 | ·02 | - | - | - | - | - | ·20 | | 7 |
| 8 | - | ·41 | ·11 | - | - | ·01 | ·08 | ·03 | - | - | ·08 | ·27 | | 8 |
| 9 | - | - | ·11 | ·07 | ·02 | - | ·17 | ·03 | - | - | ·25 | ·27 | | 9 |
| 10 | - | ·03 | - | - | ·16 | ·08 | ·05 | - | ·02 | ·01 | ·31 | ·19 | | 10 |
| 11 | - | - | ·52 | ·29 | ·10 | - | - | - | ·01 | ·01 | ·01 | ·48 | | 11 |
| 12 | ·04 | ·27 | ·31 | ·21 | ·03 | ·01 | - | ·01 | ·08 | - | - | ·21 | | 12 |
| 13 | - | ·08 | ·01 | ·07 | ·03 | ·09 | - | - | ·09 | - | - | ·16 | | 13 |
| 14 | - | - | ·13 | ·01 | - | ·12 | - | ·64 | ·01 | - | - | ·31 | | 14 |
| 15 | ·07 | ·51 | ·02 | ·22 | - | - | - | ·01 | ·03 | - | - | ·13 | | 15 |
| 16 | ·05 | ·01 | ·07 | ·31 | - | ·12 | - | ·02 | ·02 | - | - | ·43 | | 16 |
| 17 | ·06 | ·01 | ·13 | ·10 | - | ·01 | - | - | ·74 | - | - | ·12 | | 17 |
| 18 | ·23 | ·02 | ·05 | - | ·08 | ·11 | ·09 | ·02 | ·04 | ·01 | ·20 | - | | 18 |
| 19 | - | ·01 | ·07 | ·15 | - | ·01 | - | ·16 | ·02 | ·01 | ·83 | - | | 19 |
| 20 | ·03 | - | ·13 | ·02 | ·71 | - | - | ·01 | ·05 | - | - | - | | 20 |
| 21 | - | - | ·04 | ·04 | ·06 | ·03 | ·25 | - | - | - | - | ·14 | | 21 |
| 22 | ·01 | - | ·05 | ·01 | - | - | - | - | - | ·14 | ·30 | - | | 22 |
| 23 | ·30 | - | ·03 | - | ·57 | - | ·10 | - | - | ·65 | ·19 | - | | 23 |
| 24 | ·13 | - | ·01 | - | - | - | ·20 | - | ·13 | ·16 | - | - | | 24 |
| 25 | ·17 | ·13 | - | - | ·01 | - | ·02 | ·07 | - | ·13 | - | ·01 | | 25 |
| 26 | ·01 | ·14 | ·06 | - | ·36 | - | - | - | ·01 | - | ·01 | - | | 26 |
| 27 | - | ·37 | ·10 | ·10 | - | - | ·02 | ·01 | - | ·19 | ·01 | ·01 | | 27 |
| 28 | ·13 | ·02 | ·02 | - | - | - | - | - | - | ·11 | - | ·01 | | 28 |
| 29 | ·10 | × | - | - | - | ·01 | - | - | - | ·04 | ·01 | ·15 | | 29 |
| 30 | ·06 | ✕ | - | - | - | ·10 | - | - | - | ·04 | ·14 | ·03 | | 30 |
| 31 | ·41 | ✕ | - | ✕ | - | ✕ | - | ·01 | ✕ | ·25 | ✕ | ·01 | | 31 |
| TOTAL | 1·83 | 2·26 | 2·39 | 2·08 | 2·40 | 1·07 | 1·26 | 1·13 | 1·42 | 1·77 | 2·48 | 4·39 | Year's Total<br>24·48 | ✓ |
| * Days with .01 in. or more. | 17 | 17 | 25 | 19 | 16 | 16 | 12 | 15 | 15 | 15 | 14 | 24 | 205 | ✓ |
| * Days with .04 in. or more. | 12 | 10 | 18 | 14 | 10 | 8 | 8 | 4 | 7 | 9 | 9 | 19 | 127 8 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

[P.T.O.

47

Travelling Forms – Hartlepool [illegible]

## COPY FOR OFFICIAL USE

**Section** **A** for the entry of Daily Observations

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]90

# REGISTER OF RAINFALL IN 1938

*Kept at* ~~[illegible]~~, Crookfoot Res.

*in the County of* Durham

Diameter of Funnel of Gauge 10 in. × 10 in. Square

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·02 | - | - | - | ·01 | 1·29 | ·16 | ·01 | ·05 | - | ·07 | ·13 |  | 1 |
| 2 | ·53 | - | - | - | - | ·17 | ·37 | - | ·06 | ·32 | ·08 | ·06 |  | 2 |
| 3 | ·09 | - | - | - | - | - | ·01 | - | ·12 | ·48 | ·06 | - |  | 3 |
| 4 | ·06 | - | - | ·01 | - | ·04 | ·37 | - | - | ·24 | - | ·35 |  | 4 |
| 5 | - | ·02 | - | - | - | - | ·18 | ·42 | ·01 | ·03 | - | - |  | 5 |
| 6 | ·05 | - | ·01 | - | - | ·01 | ·16 | ·01 | ·03 | ·02 | - | ·01 |  | 6 |
| 7 | ·01 | - | ·01 | - | - | - | ·40 | ·08 | ·11 | ·11 | - | - |  | 7 |
| 8 | ·07 | - | - | - | - | - | ·35 | ·03 | ·01 | ·52 | ·08 | ·07 |  | 8 |
| 9 | ·17 | ·06 | - | - | ·05 | ·12 | ·02 | ·02 | - | - | - | ·22 |  | 9 |
| 10 | ·01 | - | - | - | - | ·07 | ·04 | ·01 | ·02 | - | - | ·02 |  | 10 |
| 11 | ·01 | - | - | ·01 | ·01 | ·11 | - | ·01 | - | ·01 | ·07 | ·06 |  | 11 |
| 12 | ·11 | ·23 | - | - | ·04 | - | - | ·28 | - | ·31 | ·05 | - |  | 12 |
| 13 | ·04 | ·11 | - | - | - | - | ·01 | - | ·10 | ·01 | ·15 | ·14 |  | 13 |
| 14 | ·13 | ·01 | - | - | ·02 | - | - | ·01 | - | - | - | ·07 |  | 14 |
| 15 | ·06 | ·03 | - | - | - | - | ·22 | ·10 | - | ·06 | ·01 | ·11 |  | 15 |
| 16 | ·10 | ·03 | - | - | ·51 | - | ·42 | ·02 | ·16 | - | ·02 | ·43 |  | 16 |
| 17 | - | - | - | - | ·11 | - | ·01 | ·08 | ·03 | ·23 | - | ·02 |  | 17 |
| 18 | - | ·02 | - | - | ·04 | ·01 | - | - | ·04 | ·06 | ·20 | ·06 |  | 18 |
| 19 | - | - | - | - | ·01 | ·02 | - | ·08 | ·07 | - | ·02 | ·30 |  | 19 |
| 20 | - | - | - | - | - | - | - | ·04 | ·07 | - | ·22 | ·17 |  | 20 |
| 21 | - | - | ·05 | - | - | - | - | ·20 | - | - | ·01 | ·03 |  | 21 |
| 22 | - | ·07 | - | - | - | ·06 | - | ·01 | - | - | ·20 | ·23 |  | 22 |
| 23 | - | - | - | ·01 | ·16 | ·09 | - | - | ·06 | - | ·06 | ·11 |  | 23 |
| 24 | ·10 | - | - | - | ·13 | - | - | ·37 | ·25 | ·03 | ·01 | ·02 |  | 24 |
| 25 | - | - | ·01 | - | ·11 | - | ·13 | ·07 | - | ·36 | ·26 | ·08 |  | 25 |
| 26 | - | ·62 | ·04 | - | ·01 | ·02 | - | - | ·07 | ·11 | - | - |  | 26 |
| 27 | ·03 | ·06 | - | ·02 | ·30 | ·15 | ·13 | ·16 | ·02 | ·15 | ·04 | ·01 |  | 27 |
| 28 | ·06 | - | - | ·02 | ·46 | ·34 | - | - | ·04 | ·01 | - | ·01 |  | 28 |
| 29 | ·01 | - | - | ·04 | ·52 | ·01 | ·06 | ·01 | - | - | ·07 | ·03 |  | 29 |
| 30 | ·05 | × | - | - | ·06 | - | ·01 | ·04 | ·15 | ·01 | ·15 | - |  | 30 |
| 31 | ·07 | × | - | × | ·11 | × | - | ·01 | × | ·06 | × | ·44 |  | 31 |
| TOTAL | 1·78 | 1·26 | ·12 | ·11 | 2·66 | 2·51 | 3·05 | 2·07 | 1·47 | 3·13 | 1·83 | 3·18 | Year's Total 23·17 |  |
| * Days with .01 in. or more. | 21 | 11 | 5 | 6 | 18 | 15 | 18 | 23 | 20 | 20 | 20 | 25 | 202 |  |
| * Days with .04 in. or more. | 15 | 6 | 2 | 1 | 13 | 10 | 13 | 12 | 14 | 13 | 15 | 17 | 131 |  |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

11. [illegible]

P.T.O.

47 Travelling Forms J. R. Bradshaw Esq.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* ~~Hurworth Burn~~, Crookfoot Res.
*in the County of* Durham
Diameter of Funnel of Gauge 10"×10" in. (SQUARE)
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 293 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·20 | - | - ✓ | ·01 | - | - | ·01 | ·06 | ·02 | ·41 | ·01 | - | | 1 |
| 2 | ·17 | - | - | ·04 | ·02 | - | ·03 | ·39 | ·93 | ·10 | ·05 | - | | 2 |
| 3 | - | - | ·02 | ·19 | - | - | - | ·09 | - | ·02 | ·16 | ·02 | | 3 |
| 4 | ·02 | - | ·24 | 20 | - | - | ·14 | - | ·01 | - | ·15 | ·03 | | 4 |
| 5 | - | - | - | - | ·23 | - | ·08 | ·77 | - | ·15 | ·30 | ·10 | | 5 |
| 6 | ·15 | - | - | - | - | - | ·15 | ·03 | - | ·01 | - | - | | 6 |
| 7 | ·01 | ·09 | ·02 | - | ·21 | - | ·01 | - | - | ·13 | ·22 | ·04 | | 7 |
| 8 | ·04 | ·01 | ·02 | ·06 | - | - | ·08 | - | - | - | ·03 | ·32 | | 8 |
| 9 | ·12 | ·01 | - | - | - | - | ·45 | ·03 | ·04 | ·37 | - | ·16 | | 9 |
| 10 | ·20 | - | ·01 | - | - | ·28 | - | ·04 | ·08 | ·03 | ·01 | - | | 10 |
| 11 | ·58 | - | ·29 | - | ·04 | ·19 | - | ·04 | ·02 | - | ·02 | ·02 | | 11 |
| 12 | - | ·02 | - | - | - | ·02 | ·01 | - | - | 1·76 | ·01 | ·01 | | 12 |
| 13 | ·01 | - | ·04 | ·10 | ·08 | ·01 | ·01 | - | ·04 | ·09 | ·01 | - | | 13 |
| 14 | ·37 | - | ·02 | ·07 | ·09 | ·33 | ·13 | - | ·05 | ·24 | ·38 | ·01 | | 14 |
| 15 | ·11 | - | - | - | ·04 | ·28 | ·20 | - | ·01 | ·05 | ·01 | ·02 | | 15 |
| 16 | ·05 | - | ·04 | - | ·51 | - | ·02 | - | - | ·01 | ·01 | - | | 16 |
| 17 | ·15 | - | - | ·06 | ·05 | - | ·06 | - | ·01 | - | - | - | | 17 |
| 18 | ·56 | ·03 | ·02 | - | ·01 | ·69 | ·17 | - | ·04 | ·06 | ·78 | - | | 18 |
| 19 | ·18 | - | - | - | - | ·25 | - | - | ·02 | - | - | ·02 | | 19 |
| 20 | - | - | ·01 | | ·01 | ·03 | - | ·02 | ·05 | - | - | ·02 | | 20 |
| 21 | ·10 | ·10 | ·03 | ·05 | ·02 | ·01 | ·01 | ·01 | ·02 | - | - | - | | 21 |
| 22 | ·29 | ·09 | - | ·01 | - | - | - | - | ·05 | - | ·01 | ·01 | | 22 |
| 23 | ·03 | ·01 | ·12 | ·13 | - | ·10 | - | - | ·01 | - | - | - | | 23 |
| 24 | - | ·01 | ·02 | ·29 | ·08 | ·01 | - | ·08 | - | ·01 | - | - | | 24 |
| 25 | ·23 | - | ·02 | ·01 | - | - | - | ·01 | - | ·02 | ·03 | ·08 | | 25 |
| 26 | ·08 | - | ·04 | ·03 | - | ·03 | - | ·01 | ·05 | ·38 | - | - | | 26 |
| 27 | ·12 | ·23 | ·60 | ·02 | - | ·05 | ·05 | ·04 | - | ·14 | - | - | | 27 |
| 28 | ·17 | ·12 | ·57 | ·10 | - | ·10 | ·18 | ·01 | - | ·01 | ·24 | ·12 | | 28 |
| 29 | - | X | ·02 | - | - | - | ·36 | - | - | ·77 | - | - | | 29 |
| 30 | ·05 | × | - | ·02 | - | ·09 | ·07 | - | - | ·07 | ·09 | - | | 30 |
| 31 | - | × | - | × | - | × | ·05 | - | × | ·04 | × | - | | 31 |
| TOTAL | 3·99 | ·72 | 2·15 | 1·39 | 1·39 | 2·47 | 2·27 | 1·63 | 1·45 | 4·87 | 2·52 | ·98 | Year's Total 25·83 | |
| * Days with .01 in. or more. | 24 | 11 | 19 | 17 | 13 | 16 | 21 | 15 | 17 | 22 | 19 | 15 | ~~85~~ 209 | |
| * Days with .04 in. or more. | 20 | 5 | 8 | 11 | 9 | 10 | 14 | 8 | 9 | 15 | 9 | 6 | 124 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) J. R. Bradshaw.

[P.T.O.

47 Embleton

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3524

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 Please note x

# REGISTER OF RAINFALL IN 1940.

*Kept at* ~~[illegible]~~ (Crookegoot Res.)

*in the County of* Durham

Diameter of Funnel of Gauge 10" x 10" in. Square.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 293 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·08 | - | ·05 | ·02 | - | - | - | - | - | ·03 | - | | 1 |
| 2 | - | - | - | ·05 | - | - | - | - | - | - | ·06 | ·07 | | 2 |
| 3 | ·06 | ·02 | ·01 | ·06 | - | - | - | - | - | ·03 | - | ·03 | | 3 |
| 4 | - | ·15 | - | ·03 | - | - | ·12 | ·03 | - | ·03 | ·24 | ·10 | | 4 |
| 5 | - | - | - | - | ·21 | - | ·01 | ·03 | - | ·06 | ·04 | ·11 | | 5 |
| 6 | ·06 | ·02 | - | - | - | - | ·05 | - | - | ·62 | ·06 | ·11 | | 6 |
| 7 | ·03 | ·28 | - | ·07 | ·02 | - | ·01 | ·05 | ·05 | ·08 | - | ·03 | | 7 |
| 8 | - | - | ·02 | - | - | ·19 | ·11 | ·11 | ·01 | ·10 | ·01 | ·11 | | 8 |
| 9 | - | - | ·31 | - | - | - | ·58 | ·01 | ·01 | ·02 | ·44 | ·07 | | 9 |
| 10 | - | - | ·03 | - | - | ·07 | 1·21 | ·12 | ·01 | - | ·11 | - | | 10 |
| 11 | - | ·16 x | ·06 | - | - | ·03 | ·77 | - | ·02 | - | ·17 | ·02 | | 11 |
| 12 | - | - | ·53 | - | - | - | - | - | ·16 | - | - | ·02 | | 12 |
| 13 | - | ·15 | ·06 | - | - | - | ·02 | - | ·09 | ·05 | ·03 | ·02 | | 13 |
| 14 | - | - | ·03 | ·02 | ·05 | - | ·32 | - | ·04 | ·01 | - | ·16 | | 14 |
| 15 | ·06 x | - | ·01 | - | ·18 | ·09 | - | - | - | - | ·07 | - | | 15 |
| 16 | ·12 x | - | - | - | ·01 | - | ·57 | - | ·68 | ·36 | ·06 | - | | 16 |
| 17 | - | - | ·18 | - | - | - | 1·15 | - | ·02 | ·22 | ·57 | ·01 | | 17 |
| 18 | - | ·12 x | ·10 | ·34 | - | - | ·07 | ·30 | ·07 | - | ·44 | ·11 | | 18 |
| 19 | - | ·03 | ·02 | ·11 | - | ·02 | ·08 | - | - | - | ·14 | ·07 | | 19 |
| 20 | - | ·04 | - | ·08 | - | - | ·10 | ·41 | ·04 | ·01 | ·03 | - | | 20 |
| 21 | ·24 x | ·01 | ·11 | ·01 | - | ·29 | ·04 | ·04 | - | ·11 | ·57 | - | | 21 |
| 22 | ·11 x | - | ·02 | - | ·10 | ·12 | ·01 | ·03 | ·12 | ·32 | - | - | | 22 |
| 23 | - | ·07 | ·02 | ·20 | ·02 | - | ·06 | - | - | ·06 | ·02 | ·07 | | 23 |
| 24 | ·14 x | ·03 | - | ·09 | - | - | - | - | ·03 | ·14 | ·01 | ·12 | | 24 |
| 25 | ·01 x | - | ·01 | - | ·03 | - | ·04 | - | - | ·03 | - | - | | 25 |
| 26 | ·26 x | - | - | - | ·13 | - | ·05 | ·11 | ·05 | ·05 | - | - | | 26 |
| 27 | - | ·07 | - | ·18 | - | - | ·01 | - | ·02 | ·09 | - | ·01 | | 27 |
| ·10 28 | - | ·60 | - | ·02 | ·24 | - | - | ·05 | ·04 | - | - | - | | 28 |
| 29 | ·01 x | ·01 | ·24 | ·01 | - | ·07 | ·06 | - | ·01 | - | ·02 | ·21 | | 29 |
| 30 | ·06 x | ✕ | - | - | ·01 | - | - | - | - | ·26 | - | ·66 | | 30 |
| 31 | ·36 x | ✕ | ·04 | ✕ | - | ✕ | - | - | ✕ | ·29 | ✕ | ·39 | | 31 |
| TOTAL | 1·52 | 1·84 | 1·80 | 1·32<br>~~[illegible]~~ | 1·02 | ·88 | 5·44 | 1·29 | 1·47 | 2·94 | 3·12 | 2·45 | Year's Total<br>25·09 | ✓ |
| * Days with .01 in. or more. | 13 | 16 | 18 | 15 | 12 | 8 | 22 | 12 | 18 | 21 | 20 | 21 | 196 | ✓ |
| * Days with .04 in. or more. | 10 | 10 | 9 | 10 | 6 | 6 | 17 | 8 | 10 | 15 | 13 | 13. | 127 | ✓ |

x SNOW.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw Pu Pro [illegible] [P.T.O.

3525

Section **A** for the entry of ... 29.
AIR MINISTRY ... TISH RAINFALL ORGANIZATION.
COPY FOR OFFICIAL USE.

3525 —

West Hartlepool
W·W
1931 – 40

Form 1090.

# REGIS ... IN 1931.

*Kept at* Waterworks West...
*in the County of* Durh...

~~Diameter~~ of Funnel of Gauge...
Height of top of Gauge above Grou...
,, Ground ,, Sea ...

...days not separately taken
...al face

**THE MORNING MEAS** 780701 **PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·07 | ·25 | | | ·03 | | | ·24 | | ·03 | ·01 | 1 |
| 2 | | ·09 | ·02 | ·71 | | ·69 | | | ·62 | ·02 | | ·08 | 2 |
| 3 | | | | ·03 | | ·02 | ·07 | | ·66 | | ·13 | ·07 | 3 |
| 4 | ·20 | ·04 | | | | | ·15 | | 1·40 | | ·05 | | 4 |
| 5 | | | | | ·02 | ·42 | | ·21 | ·08 | | ·01 | ·18 | 5 |
| 6 | | ·07 | ·14 | | | ·35 | ·18 | ·10 | | ·06 | | | 6 |
| 7 | | ·02 | ·15 | | ·07 | | | ·29 | | ·01 | ·08 | ·01 | 7 |
| 8 | ·10 | | | ·05 | ·10 | ·15 | ·52 | ·38 | | | | | 8 |
| 9 | ·01 | ·08 | ·25 | ·09 | ·08 | ·04 | | | | | ·32 | ·05 | 9 |
| 10 | ·03 | | ·22 | | | ·04 | ·05 | ·03 | | | ·10 | ·01 | 10 |
| 11 | | ·15 | | | | ·01 | ·53 | | ·01 | | | | 11 |
| 12 | ·03 | | | | | | | ·01 | | ·25 | | | 12 |
| 13 | ·19 | | ·18 | | ·02 | ·51 | ·14 | ·01 | | | | | 13 |
| 14 | ·03 | ·16 | | | ·02 | | ·25 | ·74 | | | ·09 | | 14 |
| 15 | | | ·02 | ·18 | ·16 | ·01 | ·07 | ·69 | ·03 | | | | 15 |
| 16 | ·01 | ·29 | | ·10 | | ·19 | ·03 | | ·13 | ·01 | ·01 | | 16 |
| 17 | ·20 | ·08 | | ·57 | | ·18 | ·06 | ·02 | | ·03 | | | 17 |
| 18 | | ·06 | | ·20 | | ·34 | ·31 | ·01 | ·02 | | ·42 | | 18 |
| 19 | ·02 | ·08 | | | | ·10 | | ·29 | ·06 | ·07 | ·01 | ·01 | 19 |
| 20 | ·01 | ·04 | | ·02 | | ·02 | | ·01 | | | ·02 | | 20 |
| 21 | ·09 | ·03 | | ·02 | | | | ·02 | ·04 | | ·01 | | 21 |
| 22 | ·05 | | | ·17 | ·12 | ·01 | ·01 | | ·02 | | | ·01 | 22 |
| 23 | ·12 | ·04 | | ·03 | ·52 | ·27 | ·10 | | ·10 | ·09 | ·14 | | 23 |
| 24 | | ·01 | | ·09 | | | ·11 | ·05 | ·02 | ·07 | | | 24 |
| 25 | | | | ·11 | | | ·33 | | | | ·01 | | 25 |
| 26 | | | | | | | | | | | ·18 | | 26 |
| 27 | ·05 | | | ·29 | | | ·07 | | | ·03 | ·08 | | 27 |
| 28 | ·14 | | | ·17 | ·50 | | | | ·01 | | ·01 | ·07 | 28 |
| 29 | ·26 | | | | ·16 | | ·25 | | | ·50 | | ·43 | 29 |
| 30 | ·04 | × | | | ·52 | | ·11 | | ·01 | ·01 | | | 30 |
| 31 | | × | | × | | × | ·01 | ·01 | × | ·03 | × | | 31 |
| TOTAL | 1·59 | 1·31 | 1·23 | 2·83 | 2·29 | 3·38 | 3·35 | 2·87 | 3·45 | 1·18 | 1·70 | ·93 | YEAR'S TOTAL 26·11 |
| *Days with ·01 in. or more. | 19 | 16 | 8 | 16 | 12 | 18 | 20 | 16 | 16 | 13 | 18 | 11 | .. |
| *Days with ·04 in. or more. | 11 | 13 | 6 | 12 | 9 | 12 | 17 | 8 | 9 | 6 | 10 | 6 | .. |

40-9999

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(Signed) Per/ J R Bradshaw P.T.O.

*See Instruction 2 (*f*) on other side.

Braces } indicate rainfall between 10am Sat to 10am Mon and credited to Sundays date.

3525

**Section** **A** for the entry of ~~Daily Observations.~~ 1929.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Waterworks West Hartlepool

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. sq (Casella) ×

Height of top of Gauge above Ground ft. 12 in.

" Ground " Sea Level 35·0 ft.

Sundays not separately taken

Total for day

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·07 | ·25 | | | ·03 | | | ·24 | | ·03 | ·01 | 1 |
| 2 | | ·09 | ·02 | ·71 | | ·69 | | | ·62 | ·02 | | ·08 | 2 |
| 3 | | | | ·03 | | ·02 | ·07 | | ·66 | | ·13 | ·07 | 3 |
| 4 | ·20 | ·04 | | | | | ·15 | | 1·40 | | ·05 | | 4 |
| 5 | | | | | ·02 | ·42 | | ·21 | ·08 | | ·01 | ·18 | 5 |
| 6 | | ·07 | ·14 | | | ·35 | ·18 | ·10 | | ·06 | | | 6 |
| 7 | | ·02 | ·15 | | ·07 | | | ·29 | | ·01 | ·08 | ·01 | 7 |
| 8 | ·10 | | | ·05 | ·10 | ·15 | ·52 | ·38 | | | | | 8 |
| 9 | ·01 | ·08 | ·25 | ·09 | ·08 | ·04 | | | | | ·32 | ·05 | 9 |
| 10 | ·03 | | ·22 | | | ·04 | ·05 | ·03 | | | ·10 | ·01 | 10 |
| 11 | | ·15 | | | | ·01 | ·53 | | ·01 | | | | 11 |
| 12 | ·03 | | | | | | | ·01 | | ·25 | | | 12 |
| 13 | ·19 | | ·18 | | ·02 | ·51 | ·14 | ·01 | | | | | 13 |
| 14 | ·03 | ·16 | | | ·02 | | ·25 | ·74 | | | ·09 | | 14 |
| 15 | | | ·02 | ·18 | ·16 | ·01 | ·07 | ·69 | ·03 | | | | 15 |
| 16 | ·01 | ·29 | | ·10 | | ·19 | ·03 | | ·13 | ·01 | ·01 | | 16 |
| 17 | ·20 | ·08 | | ·57 | | ·18 | ·06 | ·02 | | ·03 | | | 17 |
| 18 | | ·06 | | ·20 | | ·34 | ·31 | ·01 | ·02 | | ·42 | | 18 |
| 19 | ·02 | ·08 | | | | ·10 | | ·29 | ·06 | ·07 | ·01 | ·01 | 19 |
| 20 | ·01 | ·04 | | ·02 | | ·02 | | ·01 | | | ·02 | | 20 |
| 21 | ·09 | ·03 | | ·02 | | | | ·02 | ·04 | | ·01 | | 21 |
| 22 | ·05 | | | ·17 | ·12 | ·01 | ·01 | | ·02 | | | ·01 | 22 |
| 23 | ·12 | ·04 | | ·03 | ·52 | ·27 | ·10 | | ·10 | ·09 | ·14 | | 23 |
| 24 | | ·01 | | ·09 | | | ·11 | ·05 | ·02 | ·07 | | | 24 |
| 25 | | | | ·11 | | | ·33 | | | | ·01 | | 25 |
| 26 | | | | | | | | | | | ·18 | | 26 |
| 27 | ·05 | | | ·29 | | | ·07 | | | ·03 | ·08 | | 27 |
| 28 | ·14 | | | ·17 | ·50 | | | | ·01 | | ·01 | ·07 | 28 |
| 29 | ·26 | | | | ·16 | | ·25 | | | ·50 | | ·43 | 29 |
| 30 | ·04 | × | | | ·52 | | ·11 | | ·01 | ·01 | | | 30 |
| 31 | | × | | × | | × | ·01 | ·01 | × | ·03 | × | | 31 |
| TOTAL | 1·59 | 1·31 | 1·23 | 2·83 | 2·29 | 3·38 | 3·35 | 2·87 | 3·45 | 1·18 | 1·70 | ·93 | YEAR'S TOTAL 26·11 |
| *Days with ·01 in. or more. | 19 | 16 | 8 | 16 | 12 | 18 | 20 | 16 | 16 | 13 | 18 | 11 | ·· |
| *Days with ·04 in. or more. | 11 | 13 | 6 | 12 | 9 | 12 | 17 | 8 | 9 | 6 | 10 | 6 | ·· |

40-9999

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*See Instruction 2 (*f*) on other side.

(Signed) for/ J R Bradshaw

P.T.O.

Braces} indicate rainfall between 10am Sat to 10am Mon and credited to Sundays date.

S. H. S.

W.W.

# COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Water-Works West Hartlepool
*in the County of* Durham
Diameter of Funnel of Gauge 10"x10" Square
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 35 ft.

Sundays, & holidays, are not always separately taken. Brackets indicate such occasions

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | | ·04 | ·37 | ·01 | | | ·21 | 0·22 | ·05 | | 1 |
| 2 | | | | ·01 | ·75 | | ·06 | | ·20 | | ·02 | ·04 | 2 |
| 3 | | ·02 | | | ·01 | ·01 | | | | | | ·08 | 3 |
| 4 | ·04 | ·01 | | | ·09 | ·03 | ·05 | ·15 | | ·01 | | | 4 |
| 5 | ·10 | ·03 | ·08 | | ·08 | | | | ·07 | | | ·07 | 5 |
| 6 | ·21 | | | ·03 | | | | | | | | ·05 | 6 |
| 7 | | | ·15 | | ·10 | ·03 | | | ·10 | ·10 | ·01 | | 7 |
| 8 | | ·05 | ·04 | ·03 | | ·03 | | | ·11 | ·09 | ·11 | | 8 |
| 9 | ·14 | ·11 | ·02 | ·11 | | | | | | | ·02 | ·13 | 9 |
| 10 | | ·08 | ·07 | | ·01 | | | | ·10 | ·32 | ·01 | ·11 | 10 |
| 11 | ·01 | ·17 | ·06 | ·04 | ·29 | ·02 | ·22 | | | ·02 | ·01 | | 11 |
| 12 | ·11 | ·15 | | | ·09 | | ·03 | | | ·06 | ·01 | | 12 |
| 13 | | ·21 | | ·02 | ·08 | | ·04 | | ·41 | | | ·03 | 13 |
| 14 | ·09 | | | ·01 | ·06 | | ·01 | | | | ·01 | ·02 | 14 |
| 15 | | | | | | | | | | ·04 | ·06 | ·04 | 15 |
| 16 | ·12 | | ·02 | | ·07 | | ·04 | | | | ·03 | ·03 | 16 |
| 17 | | ·01 | ·06 | | | | | | | ·11 | ·01 | | 17 |
| 18 | | | | | ·02 | | | ·01 | | | ·01 | | 18 |
| 19 | | ·02 | ·15 | ·06 | ·03 | | ·01 | ·03 | | ·18 | ·01 | ·01 | 19 |
| 20 | | | | ·03 | ·18 | | ·05 | ·99 | | ·11 | | | 20 |
| 21 | | | ·49 | | 2·02 | | ·08 | | | ·42 | ·02 | ·02 | 21 |
| 22 | ·01 | | ·49 | ·17 | | ·01 | ·10 | | | ·01 | ·14 | | 22 |
| 23 | ·01 | ·08 | | ·10 | ·02 | | ·45 | | ·07 | | ·02 | | 23 |
| 24 | | ·08 | | | ·03 | | | | ·03 | | | ·02 | 24 |
| 25 | | ·03 | | ·06 | ·03 | | | ·03 | | ·16 | | | 25 |
| 26 | | ·01 | ·44 | | ·26 | | ·20 | | ·07 | | ·04 | ·01 | 26 |
| 27 | | | | ·16 | ·14 | ·61 | ·22 | ·15 | ·01 | ·15 | | | 27 |
| 28 | ·02 | | ·09 | ·04 | ·43 | ·22 | ·01 | | | ·11 | | ·01 | 28 |
| 29 | ·01 | | | ·03 | | | ·30 | ·71 | ·01 | ·28 | ·08 | ·09 | 29 |
| 30 | | × | ·06 | ·01 | ·02 | ·12 | ·68 | ·04 | ·36 | | ·27 | ·13 | 30 |
| 31 | | × | ·02 | × | | × | | | × | ·02 | × | ·01 | 31 d |
| TOTAL | ·87 | 1·07 | 2·24 | ·95 | 5·18 | 1·09 | 2·55 | 2·11 | 1·75 | 2·41 | ·94 | ·90 | YEAR'S TOTAL 22·06 |
| *Days with ·01 in. or more. | | | | | | | | | | | | | — |
| *Days with .04 in. or more. | | | | | | | | | | | | | |

40-9999
*See Instruction M (f) on other side.

(Signed) for J.R. Bradshaw

P.T.O.

3525

**Section** A for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* West Hartlepool Waterworks

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

note

No separate readings taken for Sundays.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | | ·04 | ·37 | ·01 | | | ·21 | | ·05 | | 1 |
| 2 | | | | | ·75 | | | | ·20 | ·22 | ·02 | ·04 | 2 |
| 3 | | ·02 | | ·01 | ·01 | ·01 | ·06 | | | | | ·08 | 3 |
| 4 | ·04 | ·01 | | | ·09 | ·03 | ·05 | ·15 | | ·01 | | | 4 |
| 5 | ·10 | ·03 | ·08 | | ·08 | | | | ·07 | | | ·07 | 5 |
| 6 | ·21 | | | ·03 | | | | | | | | ·05 | 6 |
| 7 | | | ·15 | | | ·03 | | | ·10 | ·10 | ·01 | | 7 |
| 8 | | ·05 | ·04 | ·03 | ·10 | ·03 | | | ·11 | | ·11 | | 8 |
| 9 | | ·11 | ·02 | | | | | | | ·09 | ·02 | ·13 | 9 |
| 10 | ·14 | ·08 | ·07 | ·11 | ·01 | | | | | ·32 | ·01 | ·11 | 10 |
| 11 | ·01 | ·17 | ·06 | ·04 | ·29 | ·02 | ·22 | | ·10 | ·02 | ·01 | | 11 |
| 12 | ·11 | ·15 | | | ·09 | | ·03 | | | ·06 | | | 12 |
| 13 | | | | ·02 | ·08 | | ·04 | | ·41 | | ·01 | ·03 | 13 |
| 14 | ·09 | ·21 | | ·01 | | | ·01 | | | | ·01 | ·02 | 14 |
| 15 | | | | | ·06 | | | | | | ·06 | ·04 | 15 |
| 16 | ·12 | | ·02 | | | | | | | ·04 | ·03 | ·03 | 16 |
| 17 | | ·01 | ·06 | | ·07 | | ·04 | | | ·11 | ·01 | | 17 |
| 18 | | | | | ·02 | | | ·01 | | | ·01 | | 18 |
| 19 | | ·02 | ·01 | ·06 | ·03 | | ·01 | ·03 | | ·18 | | ·01 | 19 |
| 20 | | | ·14 | ·03 | ·18 | | ·05 | | | ·11 | ·01 | | 20 |
| 21 | | | ·49 | | (1·80) | | ·08 | ·99 | | ·42 | ·02 | ·02 | 21 |
| 22 | ·01 | | ·49 | ·17 | (·22)<br>2·02 | ·01 | ·10 | | | ·01 | ·14 | | 22 |
| 23 | | ·08 | | ·10 | ·02 | | | | ·07 | | ·02 | | 23 |
| 24 | ·01 | ·08 | | | ·03 | | ·45 | | ·03 | | | | 24 |
| 25 | | ·03 | | ·06 | ·03 | | | ·03 | | ·16 | | | 25 |
| 26 | | ·01 | | | ·26 | | ·20 | | ·07 | | | ·02 | 26 |
| 27 | | | ·44 | ·16 | ·14 | ·61 | ·22 | — | ·01 | ·15 | ·04 | ·01 | 27 |
| 28 | ·02 | | ·01 | ·04 | | ·22 | ·01 | ·15 | | ·11 | | ·01 | 28 |
| 29 | | | ·08 | ·03 | ·43 | | ·30 | ·71 | ·01 | | ·08 | ·09 | 29 |
| 30 | | × | ·06 | ·01 | ·02 | ·12 | | ·04 | ·36 | ·28 | ·27 | ·13 | 30 |
| 31 | ·01 | × | ·02 | × | | × | ·68 | | × | ·02 | × | ·01 | 31 |
| TOTAL | ·87 | 1·07 | 2·24 | ·95 | 5·18 | 1·09 | 2·55 | 2·11 | 1·75 | 2·41 | ·94 | ·90 | YEAR'S TOTAL 22·06 |
| *Days with ·01 in. or more. | 13 | 17 | 17 | 18 | 26 | 10 | 20 | 9 | 13 | 21 | 20 | 18 | 202 |
| *Days with ·04 in. or more. | 8 | 9 | 12 | 9 | 16 | 3 | 15 | 5 | 10 | 16 | 7 | 9 | 119 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) J. R. Bradshaw

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

W. W. *Kept at* Waterworks West Hartlepool

*in the County of* Durham.

Square. ~~Diameter~~ of Funnel of Gauge 10"×10" in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 35·0 ft.

Total

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | | ·01 | ·16 | | | | | ·01 | | - | ·74 | | | 1 |
| 2 | | | ·12 | | | | | | | | ·89 | ·03 | | 2 |
| 3 | ·14 | ·03 | ·22 | | ·17 | | | | | | ·38 | | | 3 |
| 4 | ·12 | | | | ·01 | | | | | | ·61 | | | 4 |
| 5 | ·02 | ·02 | ·16 | | ·09 | | | | | | ·02 | | | 5 |
| 6 | ·01 | ·02 | | | | | | | | | ·02 | ·07 | | 6 |
| 7 | | ·04 | | | ·33 | | | | ·08 | ·19 | | | | 7 |
| 8 | ·02 | ·01 | ·10 | | | ·03 | ·06 | | | ·01 | | ·07 | | 8 |
| 9 | | ·16 | | ·02 | | | ·09 | | | ·11 | ·03 | ·04 | | 9 |
| 10 | ·02 | ·15 | | | | | ·09 | | | ·41 | ·13 | ·09 | | 10 |
| 11 | ·02 | | | | ·06 | ·09 | ·02 | | | ·01 | ·20 | | | 11 |
| 12 | ·02 | | | | | ·39 | ·01 | | | | | ·14 | | 12 |
| 13 | | | ·02 | | | | ·07 | ·06 | ·01 | | ·06 | | | 13 |
| 14 | | | | | ·07 | | ·22 | ·01 | | | ·01 | ·13 | | 14 |
| 15 | ·51 | | ·01 | ·01 | | | ·22 | | | ·28 | ·11 | ·16 | | 15 |
| 16 | ·66 | | ·02 | | ·16 | ·05 | ·01 | ·01 | | | ·10 | ·02 | | 16 |
| 17 | ·50 | ·23 | ·04 | | ·01 | | | | ·02 | ·03 | ·15 | | | 17 |
| 18 | | | | ·10 | | ·52 | | ·01 | | | ·12 | ·02 | | 18 |
| 19 | | ·41 | ·38 | | | | ·02 | | ·01 | | ·05 | | | 19 |
| 20 | | ·08 | | ·02 | | ·05 | | | ·28 | ·06 | ·01 | | | 20 |
| 21 | | ·04 | | ·02 | | ·23 | | | ·02 | ·03 | ·05 | ·04 | | 21 |
| 22 | | ·22 | | | ·01 | | | ·01 | ·01 | 1·09 | ·02 | ·01 | | 22 |
| 23 | | ·35 | | ·01 | ·15 | ·09 | | ·07 | ·49 | ·02 | ·02 | | | 23 |
| 24 | ·01 | ·24 | | ·12 | ·41 | | ·02 | ~~·07~~ | ·09 | ·02 | ·03 | ·07 | | 24 |
| 25 | | | | ·17 | ·01 | ·02 | | | ·69 | ·53 | ·03 | ·03 | | 25 |
| 26 | | ·38 | | ·07 | ·03 | | | | | ·20 | ·21 | ·15 | | 26 |
| 27 | | ·01 | | | | | ·02 | | ·02 | ·36 | ·14 | ·02 | | 27 |
| 28 | | ·01 | | ·01 | | | | | ·02 | ·29 | | ·06 | | 28 |
| 29 | ·02 | | | | | | ·23 | | | ·13 | | ·05 | | 29 |
| 30 | ·03 | × | ·01 | ·15 | | | ·05 | | ·02 | ·02 | | ·28 | | 30 |
| 31 | ·01 | × | ·02 | × | | × | ·02 | ·08 | × | | × | ·04 | | 31 |
| TOTAL | 2·11 | 2·41 | 1·26 | ·70 | 1·51 | 1·27 | 1·15 | ·26 | 1·76 | 3·79 | 3·53 | 1·52 | Year's Total 21·27 | |
| *Days with ·01 in. or more. | | | | | | | | | | | | | | |
| *Days with ·04 in. or more. | | | | | | | | | | | | | | |

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*See Instruction 2 (*f*) on other side.

MD

† Spare column, no entries required.

(*Signed*) for J R Bradshaw

HARTLEPOOL GAS & WATER CO.

P.T.O.

3525

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* West Hartlepool Waterworks
*in the County of* Durham
Diameter of Funnel of Gauge ............ in.
Height of top of Gauge above Ground ............ ft ............ in.
,, Ground ,, Sea Level ............ ft.

On Sundays the gauge is not read at this station. The reading on a Monday morning takes in all that fell from the same hour on the Saturday previous

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·16 | | | | | ·01 | | | ·14 | | 1 |
| 2 | ·14 | | ·12 | | | | | | | | 89 | ·03 | 2 |
| 3 | | ·03 | ·22 | | ·17 | | | | | | 38 | | 3 |
| 4 | ·12 | ·01 | | | 01 | | | | | | 61 | | 4 |
| 5 | ·02 | ·01 | ·16 | | ·09 | | | | | | 02 | | 5 |
| 6 | ·01 | ·02 | | | | | | | | | ·02 | ·07 | 6 |
| 7 | | ·04 | | | ·33 | | | | ·08 | ·19 | | | 7 |
| 8 | 02 | ·01 | ·10 | ·02 | | ·03 | ·06 | | | 01 | | ·07 | 8 |
| 9 | | ·16 | | | | | ·09 | | | ·11 | 03 | ·04 | 9 |
| 10 | ·02 | ·15 | | | | ·09 | ·09 | | | ·41 | ·13 | ·09 | 10 |
| 11 | ·02 | | | | ·06 | | ·02 | | | 01 | ·20 | | 11 |
| 12 | ·02 | | | | | ·39 | ·01 | | | | | ·14 | 12 |
| 13 | | | ·02 | | | | ·07 | ·06 | ·01 | | 06 | | 13 |
| 14 | | | | | ·07 | | ·22 | ·01 | | | ·01 | ·13 | 14 |
| 15 | ·51 | | ·01 | | | | ·22 | | | ·28 | ·11 | ·16 | 15 |
| 16 | ·66 | | ·02 | 01 | ·16 | ·05 | ·01 | ·01 | | | ·10 | ·02 | 16 |
| 17 | ·50 | ·23 | ·04 | | ·01 | | | | ·02 | ·03 | ·15 | | 17 |
| 18 | | | | ·10 | | ·52 | | ·01 | | | ·12 | ·02 | 18 |
| 19 | | ·41 | ·38 | | | | ·02 | | ·01 | | ·05 | | 19 |
| 20 | | ·08 | | ·02 | | ·05 | | | ·28 | ·06 | ·01 | | 20 |
| 21 | | 04 | | ·02 | | ·03 | | | ·02 | ·03 | ·05 | ·04 | 21 |
| 22 | | ·22 | | ·01 | ·01 | | | ·01 | ·01 | 1·09 | ·02 | ·01 | 22 |
| 23 | | ·35 | | | ·15 | ·09 | | ·07 | ·49 | ·02 | ·02 | | 23 |
| 24 | ·01 | ·24 | | ·12 | ·41 | ·02 | ·02 | | ·09 | ·02 | ·03 | ·07 | 24 |
| 25 | | | | ·17 | ·01 | | | | ·69 | ·53 | ·03 | ·03 | 25 |
| 26 | | ·38 | | ·07 | ·03 | | | | | ·20 | ·21 | ·15 | 26 |
| 27 | | ·01 | | | | | ·02 | | ·02 | ·36 | ·14 | ·02 | 27 |
| 28 | | ·01 | | ·01 | | | | | ·02 | ·29 | | ·06 | 28 |
| 29 | ·02 | | | ·15 | | | ·23 | | | ·13 | | ·05 | 29 |
| 30 | ·03 | ✕ | ·01 | | | | ·05 | | ·02 | ·02 | | ·28 | 30 |
| 31 | ·01 | ✕ | ·02 | ✕ | | ✕ | ·02 | ·08 | ✕ | | ✕ | ·04 | 31 |
| TOTAL | 2·11 | 2·41 | 1·26 | ·70 | 1·51 | 1·27 | 1·15 | ·26 | 1·76 | 3·79 | 3·53 | 1·52 | YEAR'S TOTAL 21·27 |
| *Days with ·01 in. or more. | 18 | 21 | 14 | 12 | 15 | 10 | 15 | 8 | 13 | 18 | 24 | 20 | 188 |
| *Days with ·04 in. or more. | 5 | 12 | 7 | 6 | 9 | 7 | 8 | 3 | 5 | 11 | 15 | 14 | 102 |

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*See Instruction 2 (*f*) on other side.

M

(*Signed*) J R Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* WATERWORKS WEST HARTLEPOOL

*in the County of* DURHAM

~~Diameter of~~ Funnel of Gauge 10 in. Sq.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35.0 ft.

Days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·03 | | | | | | ·03 | ·17 | | ·01 | | ·08 | | 1 |
| 2 | ·01 | ·01 | | | | | | ·33 | ·07 | | ·09 | ·18 | | 2 |
| 3 | | ·02 | | ·01 | | | | | | ·06 | ·08 | ·04 | | 3 |
| 4 | ·01 | | | ·10 | | ·03 | | | ·03 | ·11 | ·02 | ·54 | | 4 |
| 5 | | ·01 | ·05 | ·03 | ·11 | | | ·05 | ·05 | | ·09 | ·42 | | 5 |
| 6 | | | ·01 | | ·19 | ·09 | | 1·04 | | ·03 | ·26 | ·19 | | 6 |
| 7 | ·02 | ·02 | ·01 | | | ·22 | | | ·01 | | ·01 | ·17 | | 7 |
| 8 | | | ·01 | | ·01 | ·01 | ·01 | ·03 | ·03 | ·03 | | ·06 | | 8 |
| 9 | | | | ·36 | | | | ·02 | ·02 | ·01 | ·61 | ·03 | | 9 |
| 10 | | | ·21 | ·07 | | ·01 | | ·27 | | | ·25 | ·01 | | 10 |
| 11 | ·06 | | ·36 | ·56 | | | | ·05 | | | ·08 | ·04 | | 11 |
| 12 | | ·01 | ·16 | ·18 | | | ·26 | ·06 | | | ·10 | ·07 | | 12 |
| 13 | ·26 | | ·03 | | | | ·63 | ·08 | ·02 | ·01 | ·18 | | | 13 |
| 14 | ·06 | | ·15 | | ·05 | | ·59 | ·01 | ·01 | | ·01 | ·19 | | 14 |
| 15 | | ·01 | ·07 | | ·19 | | | | ·03 | ·27 | ·02 | ·11 | | 15 |
| 16 | ·10 | | ·05 | | ·02 | | | | | ·10 | ·04 | | | 16 |
| 17 | ·03 | | ·10 | | | | ·23 | | ·14 | ·09 | ·01 | ·13 | | 17 |
| 18 | ·08 | | ·02 | | ·33 | ·15 | ·14 | ·05 | | | | ·09 | | 18 |
| 19 | | | ·09 | ·06 | ·03 | ·09 | | ·01 | ·03 | ·06 | | ·03 | | 19 |
| 20 | | | ·23 | | ·01 | ·05 | | ·06 | | | ·01 | ·01 | | 20 |
| 21 | | | | | | ·37 | ·01 | | ·10 | ·04 | | | | 21 |
| 22 | | | | | | ·51 | | ·31 | ·13 | ·02 | | | | 22 |
| 23 | | | ·05 | ·24 | | | ·06 | | | ·15 | ·04 | ·12 | | 23 |
| 24 | | | | | | ·56 | ·02 | | ·10 | ·35 | | ·08 | | 24 |
| 25 | ·01 | | | ·06 | ·01 | | | | ·06 | ·18 | ·05 | ·33 | | 25 |
| 26 | ·05 | ·17 | | ·25 | | ·02 | | | ·03 | ·02 | | ·01 | | 26 |
| 27 | | ·57 | ·01 | ·04 | | ·12 | ·02 | | | ·15 | | ·03 | | 27 |
| 28 | | ·02 | | ·29 | | ·01 | | ·21 | | ·05 | | ·24 | | 28 |
| 29 | | | ·06 | | | | ·06 | ·05 | ·32 | ·18 | | ·12 | | 29 |
| 30 | ·09 | × | ·02 | | | | ·20 | ·02 | ·02 | ·45 | | ·03 | | 30 |
| 31 | ·03 | × | | × | ·01 | × | ·02 | ·03 | × | ·02 | × | ·07 | | 31 |
| TOTAL | ·84 | ·84 | 1·69 | 2·25 | ·96 | 2·24 | 2·28 | 2·85 | 1·20 | 2·39 | 1·95 | 3·42 | Year's Total 22·91 | |
| *Days with ·01 in. or more. | 14 | 9 | 19 | 13 | 11 | 14 | 14 | 19 | 18 | 22 | 18 | 24 | 198 | |
| *Days with .04 in. or more. | 7 | 2 | 12 | 11 | 5 | 9 | 8 | 13 | 8 | 14 | 12 | 20 | 121 | |

40-9999

*See Instruction 2 (*f*) on other side.

HARTLEPOOL GAS & WATER COMPANY

† Spare column, no entries required.

(*Signed*) for J R Bradshaw [P. T. O.

July, [illegible] E[illegible]
corr'd by Obsr.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* West Hartlepool W.W.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·03 |  |  |  |  |  | ·03 | ·17 |  | ·01 |  | ·08 |  | 1 |
| 2 | 01 | ·01 |  |  |  |  |  | ·33 | ·07 |  | ·09 | ·18 |  | 2 |
| 3 |  | ·02 |  | ·01 |  |  |  |  |  | ·06 | ·08 | ·04 |  | 3 |
| 4 | 01 |  |  | ·10 |  | ·03 |  |  | ·03 | ·11 | ·02 | ·54 |  | 4 |
| 5 |  | ·01 | ·05 | ·03 | ·11 |  |  | ·05 | ·05 |  | ·09 | ·42 |  | 5 |
| 6 |  |  | ·01 |  | ·19 | ·09 |  | 1·04 |  | ·03 | ·26 | ·19 |  | 6 |
| 7 | ·02 | ·02 | ·01 |  |  | ·22 |  |  | ·01 |  | ·01 | ·17 |  | 7 |
| 8 |  |  | ·01 |  | ·01 | ·01 | 01 | 03 | ·03 | ·03 |  | ·06 |  | 8 |
| 9 |  |  |  | ·36 |  |  |  | ·02 | ·02 | ·01 | 61 | ·03 |  | 9 |
| 10 |  |  | ·21 | ·07 |  | ·01 |  | ·27 |  |  | ·25 | ·01 |  | 10 |
| 11 | ·06 |  | ·36 | ·56 |  |  |  | 05 |  |  | ·08 | ·04 |  | 11 |
| 12 |  | ·01 | ·16 | 18 |  |  | ·26 | ·06 |  |  | ·10 | ·07 |  | 12 |
| 13 | 26 |  | ·03 |  |  |  | 6 ~~03~~ | ·08 | ·02 | ·01 | ·18 |  |  | 13 |
| 14 | ·06 | ·01 | ·15 |  | ·05 |  | ·59 | ·01 | ·01 |  | ·01 | ·19 |  | 14 |
| 15 |  |  | ·07 |  | ·19 |  |  |  | ·03 | ·27 | ·02 | ·11 |  | 15 |
| 16 | 10 |  | 05 |  | ·02 |  |  |  |  | 10 | ·04 |  |  | 16 |
| 17 | 03 |  | ·10 |  |  |  | 23 |  | 14 | 09 | ·01 | ·13 |  | 17 |
| 18 | 08 |  | ·02 |  | ·33 | ·15 | ·14 | ·05 |  |  |  | ·09 |  | 18 |
| 19 |  |  | ·09 | ·06 | ·03 | 09 |  | ·01 | ·03 | ·06 |  | ·03 |  | 19 |
| 20 |  |  | ·23 |  | ·01 | ·05 |  | ·06 |  |  | ·01 | ·01 |  | 20 |
| 21 |  |  |  |  |  | ·37 | ·01 |  | ·10 | ·04 |  |  |  | 21 |
| 22 |  |  |  |  |  | ·51 |  | ·31 | ·13 | ·02 |  |  |  | 22 |
| 23 |  |  | ·05 | ·24 |  |  | ·06 |  |  | ·15 | ·04 | ·12 |  | 23 |
| 24 |  |  |  |  |  | ·56 | ·02 |  | 10 | ·35 |  | ·08 |  | 24 |
| 25 | 01 |  |  | ·06 | ·01 |  |  |  | ·06 | ·18 | ·05 | ·33 |  | 25 |
| 26 | ·05 | ·17 |  | ·25 |  | ·02 |  |  | ·03 | ·02 |  | ·01 |  | 26 |
| 27 |  | ·57 | 01 | ·04 |  | ·12 | ·02 |  |  | ·15 |  | ·03 |  | 27 |
| 28 |  | ·02 |  | ·29 |  | ·01 |  | ·21 |  | ·05 |  | ·24 |  | 28 |
| 29 |  |  | ·06 |  |  |  | ·06 | ·05 | ·32 | ·18 |  | ·12 |  | 29 |
| 30 | ·09 | ✕ | ·02 |  |  |  | ·20 | ·02 | ·02 | ·45 |  | ·03 |  | 30 |
| 31 | ·03 | ✕ |  | ✕ | 01 | ✕ | ·02 | ·03 | ✕ | ·02 | ✕ | ·07 |  | 31 |
| TOTAL | ·84 | ·84 | 1·69 | 2·25 | ·96 | 2·24 | ~~1·68~~<br>2·28 | 2·85 | 1·20 | 2·39 | 1·95 | 3·42 | Year's Total<br>22·91 |  |
| *Days with ·01 in. or more. | 14 | 9 | 19 | 13 | 11 | 14 | 14 | 19 | 18 | 22 | 18 | 27 | 198 |  |
| *Days with ·04 in. or more. | 7 | 2 | 12 | 11 | 5 | 9 | ~~7~~8 | 13 | 8 | 14 | 12 | 20 | 121 |  |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) G. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Waterworks West Hartlepool
*in the County of* Durham
~~Diameter~~ SQUARE of Funnel of Gauge 10" x 10" in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 35 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·32 | | ·03 | ·16 | | | ·01 | | ·33 | ·10 | ·04 | ·09 | | 1 |
| 2 | ·01 | ·06 | | ·47 | | ·04 | | | | ·41 | ·01 | | | 2 |
| 3 | | ·41 | ·19 | ·16 | | ·03 | | | ·07 | ·01 | ·20 | | | 3 |
| 4 | | | | | | ·34 | | | | ·38 | ·12 | | | 4 |
| 5 | ·30 | ·30 | | ·01 | | ·05 | | | ·15 | ·45 | ·04 | ·01 | | 5 |
| 6 | ·17 | ·07 | | ·05 | | ·04 | | | | ·12 | ·01 | ·01 | | 6 |
| 7 | ·15 | | | ·08 | | ·24 | | | | ·13 | ·55 | ·08 | | 7 |
| 8 | | | | ·10 | | ·05 | | | | ·03 | ·03 | ·27 | | 8 |
| 9 | ·04 | ·02 | | ·18 | ·01 | ·11 | | | | ·35 | ·09 | | | 9 |
| 10 | | ·04 | | ·01 | | ·14 | | ·01 | | ·10 | ·05 | | | 10 |
| 11 | ·04 | | | ·01 | ·01 | ·02 | | ·28 | | ·01 | ·04 | ·03 | | 11 |
| 12 | ·01 | ·01 | | | ·02 | ·03 | | ·04 | | | ·01 | | | 12 |
| 13 | ·09 | | | ·15 | ·19 | ·01 | ·07 | | ·06 | | ·01 | ·01 | | 13 |
| 14 | | | | ·02 | ·10 | ·21 | ·07 | | ·11 | | ·21 | ·08 | | 14 |
| 15 | ·01 | ·02 | | ·44 | ·09 | ·01 | | | ·04 | ·06 | ·05 | ·10 | | 15 |
| 16 | | ·19 | ·09 | ·22 | ·18 | ·01 | ·01 | ·15 | ·11 | | ·25 | ·14 | | 16 |
| 17 | | | | ·13 | ·05 | ·08 | | | | ·02 | ·86 | ·25 | | 17 |
| 18 | ·03 | | | | ·01 | ·04 | ·10 | ·01 | ·04 | ·08 | ·27 | ·31 | | 18 |
| 19 | ·03 | ·06 | | ·03 | | ·20 | ·07 | | | | ·02 | ·12 | | 19 |
| 20 | | ·13 | | ·26 | | ·11 | ·03 | | | | ·07 | | | 20 |
| 21 | | ·04 | | ·13 | | | | | 1·42 | ·47 | ·06 | ·01 | | 21 |
| 22 | | ·36 | ·09 | ·01 | | | | | ·01 | ·01 | ·07 | | | 22 |
| 23 | ·05 | ·02 | ·05 | | | | | ·13 | | ·12 | ·12 | ·01 | | 23 |
| 24 | ·04 | ·55 | ·06 | ·01 | | | | ·01 | ·99 | ·01 | ·01 | ·20 | | 24 |
| 25 | ·19 | ·05 | | | | ·03 | | | | | ·03 | ·04 | | 25 |
| 26 | ·52 | | | ·05 | | ·02 | ·04 | ·80 | ·25 | ·17 | ·02 | ·26 | | 26 |
| 27 | ·05 | ·02 | | | | ·02 | | ·01 | ·17 | ·10 | ·10 | ·38 | | 27 |
| 28 | ·02 | ·06 | ·02 | | ·01 | | | ·01 | ·02 | ·21 | ·01 | ·01 | | 28 |
| 29 | ·01 | | ·19 | | | ·01 | | ·07 | ·04 | ·04 | ·04 | ·08 | | 29 |
| 30 | ·02 | ✕ | | | | ·24 | | ·04 | ·57 | ·21 | ·15 | ·01 | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·02 | ✕ | ·17 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·10 | 2·41 | ·72 | 2·68 | ·67 | 2·08 | ·40 | 1·56 | 4·38 | 3·61 | 3·54 | 2·67 | 26·82 | |
| * Days with .01 in. or more. | 20 | 18 | 8 | 21 | 10 | 24 | 8 | 12 | 16 | 24 | 30 | 23 | 214 | |
| * Days with .04 in. or more. | 12 | 13 | 6 | 14 | 5 | 14 | 5 | 7 | 14 | 17 | 20 | 15 | 142. | |

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) fa. J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Waterworks West Hartlepool

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10in. x 10 in. Square

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | ·07 | ·15 | / | / | ·05 | ·04 | ·29 | ·12 | ·02 | ·01 | - | | 1 |
| 2 | ·03 | / | ·09 | / | / | ·18 | ·16 | ·05 | / | ·01 | ·11 | ·02 | | 2 |
| 3 | / | ·14 | ·01 | / | / | 1·40 | ·10 | / | ·20 | ·01 | ·01 | - | | 3 |
| 4 | ·24 | / | ·04 | ·02 | ·01 | ·02 | / | ·22 | ·12 | ·04 | ·04 | ·05 | | 4 |
| 5 | ·03 | / | / | ·01 | ·02 | ·02 | / | ·11 | ·01 | / | ·06 | - | | 5 |
| 6 | ·01 | / | / | ·02 | / | / | ·03 | ·88 | ·53 | / | ·09 | - | | 6 |
| 7 | ·14 | / | / | / | ·01 | / | ·53 | / | ·05 | ·02 | ·01 | ·06 | | 7 |
| 8 | ·10 | / | ·09 | / | ·02 | / | / | / | ·01 | ·11 | ·01 | ·03 | | 8 |
| 9 | ·37 | / | ·38 | / | ·12 | ·02 | / | ·05 | / | ·09 | ·09 | ·01 | | 9 |
| 10 | ·06 | / | ·01 | ·02 | ·01 | ·01 | ·13 | / | / | ·09 | ·03 | - | | 10 |
| 11 | / | / | ·03 | ·17 | ·01 | / | ·25 | ·07 | ·02 | ·01 | ·30 | ·02 | | 11 |
| 12 | ·01 | / | ·01 | ·21 | ·06 | ·23 | ·03 | ·03 | ·13 | / | ·32 | ·03 | | 12 |
| 13 | / | / | / | ·19 | / | ·16 | ·06 | / | ·01 | ·06 | ·06 | ·25 | | 13 |
| 14 | / | ·01 | / | ·05 | / | ·13 | ·08 | ·08 | ·01 | / | ·01 | ·96 | | 14 |
| 15 | ·02 | / | / | ·14 | / | ·04 | ·33 | ·02 | / | / | ·13 | ·04 | | 15 |
| 16 | ·14 | ·01 | / | ·06 | / | ·02 | ·03 | / | / | / | ·28 | - | | 16 |
| 17 | ·02 | ·17 | / | / | ·07 | / | ·14 | ·01 | / | ·10 | ·33 | - | | 17 |
| 18 | / | ·10 | / | ·07 | ·01 | ·02 | ·01 | ·04 | / | ·05 | ·01 | - | | 18 |
| 19 | ·66 | ·20 | / | / | / | ·01 | ·19 | ·03 | / | ·04 | / | - | | 19 |
| 20 | ·06 | ·08 | / | / | ·07 | ·01 | ·12 | / | / | / | ·01 | - | | 20 |
| 21 | ·03 | / | ·01 | ·05 | / | ·01 | ·01 | / | / | / | / | ·04 | | 21 |
| 22 | / | ·34 | ·03 | / | ·06 | ·11 | ·01 | / | / | / | / | ·01 | | 22 |
| 23 | / | / | / | ·09 | ·18 | / | ·70 | / | ·01 | ·01 | / | - | | 23 |
| 24 | ·02 | ·09 | ·01 | ·03 | ·86 | / | / | ·01 | ·26 | ·15 | / | - | | 24 |
| 25 | ·30 | / | ·06 | / | ·01 | / | ·02 | / | ·48 | / | ·02 | - | | 25 |
| 26 | ·02 | ·07 | ·22 | / | / | / | ·07 | ·01 | ·09 | ·21 | ·03 | - | | 26 |
| 27 | ·05 | ·04 | ·02 | / | ·02 | / | ·03 | ·01 | ·12 | ·08 | ·07 | - | | 27 |
| 28 | ·27 | ·60 | ·05 | / | / | / | ·07 | / | / | / | ·05 | - | | 28 |
| 29 | ·73 | ·57 | ·02 | / | ·23 | ·71 | ·03 | / | / | ·05 | ·19 | - | | 29 |
| 30 | ·02 | ✕ | / | / | ·05 | ·12 | ·33 | / | / | ·23 | / | - | | 30 |
| 31 | ·01 | ✕ | ·03 | ✕ | ·02 | ✕ | / | / | ✕ | ·01 | ✕ | ·03 | | 31 |
| TOTAL | 3·42 | 2·49 | 1·26 | 1·13 | 1·84 | 3·27 | 3·50 | 1·91 | 2·17 | 1·39 | 2·27 | 1·55 | Year's Total<br>26·20 | |
| * Days with .01 in. or more. | 24 | 14 | 18 | 14 | 19 | 19 | 25 | 16 | 16 | 20 | 24 | 13 | 222 | |
| * Days with .04 in. or more. | 13 | 12 | 8 | 9 | 9 | 10 | 16 | 9 | 10 | 13 | 14 | 6. | 129 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) for J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* West Hartlepool W.W.

*in the County of* Durham

~~Diameter~~ of Funnel of Gauge 10.10 X 10 in. square.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·05 | ·12 | - | ·01 | ·05 | - | ·01 | ·13 | - | - | ·12 | | 1 |
| 2 | - | ·05 | ·02 | ·16 | ·01 | ·01 | - | - | - | ·01 | ·01 | ·30 | | 2 |
| 3 | - | ·02 | - | ·06 | - | ·24 | ·12 | - | - | - | - | ·12 | | 3 |
| 4 | ·03 | ·01 | ·04 | ·04 | ·04 | - | ·02 | ·03 | ·01 | - | ·01 | ·07 | | 4 |
| 5 | ·01 | - | ·08 | ·01 | ·10 | - | ·01 | - | ·04 | ·01 | - | ·30 | | 5 |
| 6 | - | ·01 | ·04 | - | ·04 | - | - | ·30 | - | - | - | ·09 | | 6 |
| 7 | - | ·14 | ·14 | ·07 | ·01 | ·02 | ·08 | - | - | - | ·07 | ·19 | | 7 |
| 8 | - | ·28 | ·32 | - | ·01 | - | ·05 | ·02 | - | - | ·07 | ·23 | | 8 |
| 9 | - | ·02 | ·14 | ·05 | ·01 | ·01 | ·12 | ·02 | - | - | ·43 | ·26 | | 9 |
| 10 | - | ·03 | ·02 | ·02 | ·22 | ·05 | ·02 | - | ·06 | ·02 | ·11 | ·17 | | 10 |
| 11 | - | ·01 | ·60 | ·41 | ·21 | - | - | - | ·04 | ·01 | - | ·41 | | 11 |
| 12 | ·04 | ·28 | ·26 | ·19 | ·03 | ·03 | - | - | ·02 | - | - | ·19 | | 12 |
| 13 | - | ·08 | ·08 | ·05 | ·07 | ·06 | - | - | ·17 | - | - | ·13 | | 13 |
| 14 | - | - | ·26 | ·02 | ·01 | ·31 | - | ·63 | ·02 | - | - | ·25 | | 14 |
| 15 | ·07 | ·45 | ·01 | ·22 | - | - | ·01 | - | ·02 | - | - | ·15 | | 15 |
| 16 | ·06 | ·03 | ·05 | ·57 | - | ·06 | - | ·02 | ·01 | - | - | ·52 | | 16 |
| 17 | ·02 | ·04 | ·15 | ·12 | ·01 | - | - | - | ·67 | - | - | ·14 | | 17 |
| 18 | ·26 | ·05 | ·03 | ·01 | - | ·12 | ·08 | ·02 | ·13 | - | ·15 | - | | 18 |
| 19 | ·01 | ·04 | ·02 | ·11 | - | ·01 | ·01 | ·12 | ·06 | ·01 | ·70 | - | | 19 |
| 20 | ·02 | - | ·03 | ·05 | ·85 | - | - | ·01 | ·02 | - | - | ·04 | | 20 |
| 21 | - | ·01 | ·05 | ·04 | ·16 | - | ·22 | ·01 | ·01 | - | - | ·05 | | 21 |
| 22 | ·04 | - | ·06 | - | - | - | - | ·01 | - | ·12 | ·23 | - | | 22 |
| 23 | ·08 | ·01 | ·04 | - | ·33 | ·01 | ·10 | - | - | ·54 | ·13 | - | | 23 |
| 24 | ·10 | - | ·02 | - | - | - | ·29 | - | ·10 | ·07 | - | - | | 24 |
| 25 | ·12 | ·17 | - | - | ·01 | - | ·01 | ·17 | - | ·13 | - | ·01 | | 25 |
| 26 | ·03 | ·14 | ·13 | ·01 | ·49 | - | - | - | ·02 | - | - | - | | 26 |
| 27 | - | ·75 | ·03 | ·12 | - | ·01 | ·01 | - | - | ·09 | ·01 | ·01 | | 27 |
| 28 | ·15 | ·02 | - | - | - | ·01 | - | - | - | ·09 | - | - | | 28 |
| 29 | ·19 | ✕ | ·01 | - | - | - | - | - | - | ·02 | ·01 | ·07 | | 29 |
| 30 | ·13 | ✕ | - | - | - | ·10 | - | - | - | ·02 | ·19 | ·05 | | 30 |
| 31 | ·39 | ✕ | - | ✕ | - | ✕ | - | ·01 | ✕ | ·20 | ✕ | ·02 | | 31 |
| TOTAL | 1·76 | 2·69 | 2·75 | 2·33 | 2·62 | 1·10 | 1·15 | 1·38 | 1·53 | 1·34 | 2·12 | 3·89 | Year's Total 24·66 | |
| * Days with .01 in. or more. | 19 | 23 | 26 | 20 | 19 | 16 | 15 | 14 | 17 | 14 | 13 | 24 | 220 | |
| * Days with .04 in. or more. | 12 | 13 | 17 | 15 | 10 | 8 | 8 | 4 | 9 | 7 | 9 | 21 | 133 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM ·90

# REGISTER OF RAINFALL IN 1938

*Kept at* West Hartlepool, Waterworks

*in the County of* Durham

Diameter of Funnel of Gauge 10in. x 10 in. Sq.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·08 | ·01 | - | - | ·01 | 1·04 | ·14 | - | - | - | ·08 | ·12 |  | 1 |
| 2 | ·60 | - | - | - | - | ·25 | ·15 | - | ·05 | ·22 | ·09 | ·05 |  | 2 |
| 3 | ·08 | - | - | - | - | - | - | - | ·12 | ·59 | ·10 | ·01 |  | 3 |
| 4 | ·05 | - | - | ·03 | - | ·08 | ·15 | - | - | ·20 | - | ·32 |  | 4 |
| 5 | - | ·03 | ·01 | - | - | - | ·02 | ·66 | ·01 | ·03 | - | - |  | 5 |
| 6 | ·04 | - | - | - | - | - | ·18 | ·01 | ·03 | ·01 | - | ·01 |  | 6 |
| 7 | ·01 | - | ·01 | - | - | - | ·33 | ·05 | ·12 | ·10 | - | - |  | 7 |
| 8 | ·15 | ·01 | - | - | - | - | ·31 | ·01 | ·01 | ·44 | ·13 | ·10 |  | 8 |
| 9 | ·07 | ·07 | - | - | ·05 | ·07 | - | ·01 | ·04 | - | - | ·21 |  | 9 |
| 10 | ·08 | - | - | - | - | ·10 | ·01 | ·01 | ·03 | - | - | ·02 |  | 10 |
| 11 | - | - | - | - | - | ·04 | - | ·01 | ·02 | ·01 | ·07 | ·01 |  | 11 |
| 12 | ·08 | ·13 | - | ·01 | ·01 | - | ·01 | ·30 | - | ·28 | ·04 | - |  | 12 |
| 13 | ·06 | ·22 | - | - | - | - | - | ·02 | ·15 | ·01 | ·10 | ·12 |  | 13 |
| 14 | ·12 | - | - | - | ·02 | - | ·01 | - | - | - | - | ·05 |  | 14 |
| 15 | ·10 | ·04 | - | - | - | - | ·32 | ·09 | - | ·05 | ·01 | ·13 |  | 15 |
| 16 | ·09 | ·01 | - | ·03 | ·38 | - | ·50 | ·03 | ·10 | - | ·03 | ·31 |  | 16 |
| 17 | - | - | - | - | ·26 | - | - | ·11 | ·02 | ·19 | ·01 | - |  | 17 |
| 18 | - | ·04 | - | - | ·07 | ·04 | - | - | ·03 | ·08 | ·22 | ·07 |  | 18 |
| 19 | - | - | - | - | ·03 | - | - | ·03 | ·03 | - | ·01 | ·20 |  | 19 |
| 20 | - | - | - | - | - | - | - | ·02 | ·02 | ·01 | ·29 | ·15 |  | 20 |
| 21 | - | - | ·03 | - | - | - | - | ·16 | ·01 | - | ·01 | ·23 |  | 21 |
| 22 | - | ·03 | - | - | - | ·08 | - | ·01 | - | - | ·17 | ·30 |  | 22 |
| 23 | ·01 | - | - | - | ·15 | ·12 | - | - | ·10 | - | ·04 | ·15 |  | 23 |
| 24 | ·06 | - | - | ·01 | ·02 | - | - | ·28 | ·20 | ·03 | ·01 | ·01 |  | 24 |
| 25 | - | - | - | - | ·10 | - | - | ·04 | - | ·40 | ·22 | ·12 |  | 25 |
| 26 | - | ·56 | ·04 | - | - | ·01 | - | ·01 | ·19 | ·10 | ·01 | - |  | 26 |
| 27 | ·04 | ·05 | - | ·04 | ·18 | ·13 | ·09 | ·13 | ·06 | ·06 | ·04 | ·02 |  | 27 |
| 28 | ·08 | - | - | ·03 | ·54 | ·29 | - | ·02 | ·06 | - | - | - |  | 28 |
| 29 | ·04 | - | - | ·08 | ·60 | ·01 | ·04 | - | - | - | ·09 | ·04 |  | 29 |
| 30 | ·10 | × | - | - | ·13 | - | ·01 | ·02 | ·05 | - | ·16 | - |  | 30 |
| 31 | ·11 | × | - | × | ·10 | × | - | - | × | ·06 | × | ·40 |  | 31 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Year's Total |  |
| TOTAL | 2·05 | 1·20 | ·09 | ·23 | 2·65 | 2·26 | 2·27 | 2·03 | 1·45 | 2·87 | 1·93 | 3·15 | 22·18 | ✓ |
| * Days with .01 in. or more. | 21 | 12 | 4 | 7 | 16 | 13 | 15 | 22 | 22 | 19 | 22 | 24 | 197 | ✓ |
| * Days with .04 in. or more. | 19 | 7 | 1 | 2 | 11 | 11 | 10 | 9 | 12 | 13 | 15 | 18 | 128 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3525

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* West Hartlepool, Waterworks.

*in the County of* Durham

Diameter of Funnel of Gauge 10" x 10" in. (SQUARE)

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·14 | - | | ·01 | ·04 | - | - | ·05 | ·10 | ·21 | ·02 | - | | 1 |
| 2 | ·22 | - | - | ·06 | ·02 | - | ·07 | ·32 | ·98 | ·14 | ·11 | - | | 2 |
| 3 | - | - | - | ·15 | - | - | - | ·06 | - | ·02 | ·14 | ·03 | | 3 |
| 4 | ·15 | ·01 | ·14 | ·21 | - | - | ·01 | - | ·01 | - | ·12 | ·03 | | 4 |
| 5 | - | - | - | - | ·09 | - | ·08 | 1·14 | - | ·07 | ·18 | ·19 | | 5 |
| 6 | ·14 | - | - | - | - | - | ·33 | ·02 | - | ·07 | - | ·03 | | 6 |
| 7 | ·02 | ·05 | ·01 | - | ·14 | - | - | - | - | ·20 | ·07 | ·04 | | 7 |
| 8 | ·09 | ·01 | ·05 | ·09 | - | - | ·09 | ·04 | - | - | ·03 | ·30 | | 8 |
| 9 | ·12 | ·02 | - | - | - | - | ·22 | ·02 | ·06 | ·45 | - | ·16 | | 9 |
| 10 | ·25 | - | ·02 | - | - | ·21 | - | ·05 | ·12 | ·02 | ·01 | - | | 10 |
| 11 | ·42 | - | ·24 | - | ·05 | ·13 | - | ·05 | ·04 | - | ·01 | - | | 11 |
| 12 | - | ·01 | - | - | - | ·11 | ·01 | - | - | 1·19 | - | ·02 | | 12 |
| 13 | ·01 | - | ·03 | ·14 | ·11 | - | ·01 | - | ·04 | ·05 | - | - | | 13 |
| 14 | ·27 | - | ·03 | ·07 | ·08 | ·30 | ·21 | - | ·08 | ·15 | ·39 | ·01 | | 14 |
| 15 | ·08 | - | - | - | ·02 | ·12 | ·19 | - | - | ·03 | - | ·01 | | 15 |
| 16 | ·05 | - | ·05 | - | ·56 | ·01 | ·03 | - | - | ·01 | ·02 | - | | 16 |
| 17 | ·13 | - | - | ·04 | ·08 | - | ·04 | - | - | - | - | - | | 17 |
| 18 | ·44 | ·03 | ·07 | - | - | ·27 | ·15 | - | ·03 | ·07 | ·69 | - | | 18 |
| 19 | ·13 | - | ·01 | - | - | ·35 | - | - | - | - | - | - | | 19 |
| 20 | - | - | - | - | - | ·02 | - | ·03 | ·02 | - | - | ·01 | | 20 |
| 21 | ·09 | ·07 | ·02 | ·06 | ·01 | - | - | ·02 | ·07 | - | - | - | | 21 |
| 22 | ·33 | ·11 | - | ·04 | - | - | ·01 | - | ·02 | - | - | ·01 | | 22 |
| 23 | ·01 | ·01 | ·11 | ·04 | - | ·15 | ·01 | - | ·02 | ·01 | ·01 | - | | 23 |
| 24 | - | ·02 | ·05 | ·18 | ·07 | ·03 | - | - | - | - | - | - | | 24 |
| 25 | ·22 | - | ·03 | ·17 | - | - | - | - | - | ·07 | ·01 | ·09 | | 25 |
| 26 | ·01 | - | ·01 | ·03 | - | - | - | ·06 | ·02 | ·52 | - | ·02 | | 26 |
| 27 | ·11 | ·23 | ·58 | ·01 | - | ·02 | ·02 | ·01 | - | ·05 | - | - | | 27 |
| 28 | ·08 | ·07 | ·47 | ·03 | - | ·05 | ·12 | - | - | - | ·22 | ·04 | | 28 |
| 29 | ·01 | - | - | - | - | ·01 | ·33 | ·01 | - | ·55 | - | - | | 29 |
| 30 | ·02 | | - | ·02 | - | ·03 | ·06 | - | ·01 | ·03 | ·16 | - | | 30 |
| 31 | - | | | | - | | ·05 | - | | ·01 | | - | | 31 |
| TOTAL | 3·54 | ·64 | 1·92 | 1·35 | 1·27 | 1·81 | 2·04 | 1·88 | 1·62 | 3·92 | 2·19 | ·99 | Year's Total<br>23·17 | |
| * Days with .01 in. or more. | 25 | 12 | 17 | 17 | 12 | 15 | 20 | 14 | 15 | 21 | 16 | 15 | 199. | |
| * Days with .04 in. or more. | 19 | 5 | 9 | 12 | 9 | 9 | 13 | 8 | 8 | 14 | 9 | 6 | 121 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. R. Bradshaw. [illegible]

[P.T.O.

COPY FOR OFFICIAL USE

Station No. 3525 ✓

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

*Kept at* West Hartlepool, Waterworks

*in the County of* Durham

Diameter of Funnel of Gauge 10"x10" in. Square.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 35 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | - | ·05 | - | ·08 | - | - | - | - | - | - | ·02 | - | | 1 |
| 2 | - | - | ·01 | ·02 | - | - | - | - | - | - | ·07 | ·06 | | 2 |
| 3 | ·07 | ·03 | - | ·05 | - | - | ·08 | - | - | ·06 | ·01 | ·05 | | 3 |
| 4 | - | ·11 | - | ·07 | - | - | ·19 | ·02 | - | ·04 | 14 | ·06 | | 4 |
| 5 | - | - | - | - | ·24 | - | ·02 | - | - | ·05 | ·04 | ·18 | | 5 |
| 6 | ·08 | - | - | - | - | - | ·27 | - | - | ·50 | ·07 | ·22 | | 6 |
| 7 | ·02 | ·23 | - | ·04 | - | - | ·07 | ·05 | ·06 | ·04 | - | ·04 | | 7 |
| 8 | - | - | ·01 | - | - | ·09 | ·10 | ·15 | ·04 | ·09 | - | ·08 | | 8 |
| 9 | - | - | ·23 | ·01 | - | - | ·44 | - | - | ·01 | ·45 | ·03 | | 9 |
| 10 | - | - | ·04 | - | - | ·05 | 1·31 | ·12 | ·05 | - | ·07 | - | | 10 |
| 11 | - | ·22 x | ·06 | - | - | ·06 | ·35 | - | ·03 | - | ·20 | ·04 | | 11 |
| 12 | - | ·01 x | ·66 | - | - | - | - | - | ·14 | - | - | - | | 12 |
| 13 | - | ·18 | ·08 | - | - | - | ·02 | - | ·10 | ·01 | ·01 | - | | 13 |
| 14 | - | - | ·05 | ·01 | ·11 | - | ·30 | - | - | - | - | ·20 | | 14 |
| 15 | ·15 x | - | - | - | ·16 | ·14 | - | - | - | - | ·06 | - | | 15 |
| 16 | ·10 x | - | - | - | - | ·01 | ·56 | - | ·57 | ·28 | ·07 | ·01 | | 16 |
| 17 | - | - | ·18 | - | - | - | 1·34 | - | ·01 | ·28 | ·50 | ·01 | | 17 |
| 18 | - | ·10 x | ·10 | ·39 | - | - | ·05 | ·28 | ·04 | - | ·28 | ·09 | | 18 |
| 19 | - | ·03 | ·04 | ·09 | - | ·03 | ·09 | ·01 | - | - | ·18 | ·06 | | 19 |
| 20 | - | ·03 | ·01 | ·07 | - | - | ·08 | ·38 | ·05 | - | ·04 | - | | 20 |
| 21 | ·32 x | - | ·10 | - | - | ·26 | ·02 | ·09 | - | ·12 | ·48 | - | | 21 |
| 22 | ·06 x | - | - | - | ·10 | ·09 | - | ·06 | ·06 | ·16 | - | - | | 22 |
| 23 | - | ·08 | ·02 | ·17 | ·02 | - | ·06 | - | - | ·05 | ·02 | ·05 | | 23 |
| 24 | ·12 x | ·03 | - | ·07 | ·06 | - | - | - | ·02 | ·07 | - | ·15 | | 24 |
| 25 | ·02 x | - | ·01 | - | ·01 | ·01 | ·14 | - | - | ·03 | - | ·01 | | 25 |
| 26 | ·35 x | - | - | ·06 | ·14 | - | ·07 | ·14 | ·05 | ·07 | - | - | | 26 |
| 27 | ·01 x | ·04 | - | ·24 | - | - | - | - | ·02 | ·06 | - | - | | 27 |
| 1·03 ✓ 28 | ·01 x | ·70 | - | ·01 | ·03 | - | - | ·04 | ·02 | - | ·02 | - | | 28 |
| 29 | ·01 x | - | ·21 | - | - | ·06 | ·02 | - | ·01 | ·06 | ·01 | ·20 | | 29 |
| 30 | ·23 x | ✕ | - | - | - | - | - | - | - | ·31 | - | ·67 | | 30 |
| 31 | ·40 x | ✕ | ·03 | ✕ | - | ✕ | - | - | ✕ | ·30 | ✕ | ·25 | | 31 |
| TOTAL | 1·95 | 1·84 | 1·84 | 1·38 | ·87 | ·80 | 5·58 | 1·34 | 1·27 | 2·59 | 2·74 | 2·46 | Year's Total<br>24·66 | |
| * Days with .01 in. or more. | 15 | 14 | 17 | 15 | 9 | 10 | 21 | 11 | 16 | 20 | 20 | 20 | 188 | |
| * Days with .04 in. or more. | 10 | 9 | 11 | 11 | 6 | 7 | 17 | 9 | 10 | 17 | 14 | 16 | 137 | |

x SNOW

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J.R. Bradshaw. Per Pro.

[P.T.O.

3526

3526

HURWORTH BURN RESERVOIR

1931 — 40

280701

Section **A** for the entry of D

AIR MINISTRY.-

FOR OFFICIAL USE.

RGANIZATION.

FORM 1090.

# REGISTI

*Kept at* Hurworth Burn R

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10

Height of top of Gauge above Ground

,, Ground ,, Sea Leve

**THE MORNING MEASURE**

*An observer who does not conform to this*
*year in the space on the right of this p*

ing

Jan. 1, following

Ple

| *Date* | Jan. | Feb. | March | Ap | | | | | | | ov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·24 | | | ·01 | | ·01 | ·39 | | | ·01 | 1 |
| 2 | ·01 | ·08 | | ·65 | | ·75 | | | ·55 | ·06 | | ·16 | 2 |
| 3 | ·03 | | ·01 | ·10 | | ·08 | ·10 | | 1·41 | | ·16 | ·10 | 3 |
| 4 | ·09 | ·10 | | ·01 | | | ·01 | | 1·94 | | ·04 | | 4 |
| 5 | ·01 | | | | ·06 | ·45 | ·09 | ·15 | ·01 | | ·01 | ·18 | 5 |
| 6 | | ·04 | ·16 | | | ·39 | ·61 | ·08 | | ·09 | | | 6 |
| 7 | | | ·13 | | ·01 | ·04 | | ·18 | | | ·10 | ·02 | 7 |
| 8 | ·04 | ·01 | ·17 | ·04 | ·08 | ·06 | ·55 | ·25 | | | ·06 | | 8 |
| 9 | | ·08 | ·22 | ·22 | ·04 | ·09 | ·02 | ·13 | | | ·38 | ·07 | 9 |
| 10 | ·02 | | ·15 | | ·05 | ·16 | ·02 | ·07 | | | ·11 | ·01 | 10 |
| 11 | ·04 | ·13 | | | | ·01 | ·02 | | | | | | 11 |
| 12 | ·10 | | | | | | 1·28 | ·05 | ·01 | ·18 | | | 12 |
| 13 | ·08 | | ·18 | | ·03 | ·01 | ·03 | ·01 | | | | ·01 | 13 |
| 14 | ·05 | ·06 | ·02 | | ·01 | ·61 | ·15 | ·79 | | | ·08 | ·02 | 14 |
| 15 | | ·07 | | ·22 | ·10 | ·01 | ·28 | | ·01 | | ·07 | ·03 | 15 |
| 16 | ·02 | ·26 | | ·09 | | ·05 | ·02 | ·26 | ·18 | ·01 | | | 16 |
| 17 | | ·12 | | ·40 | | ·26 | ·06 | ·04 | | ·04 | | | 17 |
| 18 | ·18 | ·06 | | ·26 | | ·16 | ·15 | | | | ·50 | | 18 |
| 19 | ·03 | ·04 | | ·04 | | ·02 | | ·57 | ·04 | ·05 | ·01 | | 19 |
| 20 | ·01 | ·03 | ·01 | ·10 | ·01 | ·01 | | | ·05 | | ·03 | ·02 | 20 |
| 21 | ·02 | | | ·01 | ·01 | | | ·04 | ·04 | | ·01 | | 21 |
| 22 | ·07 | ·03 | | ·18 | ·13 | ·02 | ·01 | | ·02 | | ·01 | | 22 |
| 23 | ·16 | ·03 | | ·07 | ·15 | ·26 | ·05 | | ·10 | ·07 | ·15 | ·05 | 23 |
| 24 | | | | ·05 | ·39 | | ·11 | ·02 | ·04 | ·09 | ·03 | | 24 |
| 25 | | | | ·13 | ·01 | | ·20 | | | | ·04 | | 25 |
| 26 | | | | ·09 | ·01 | | ·02 | | | | ·25 | | 26 |
| 27 | ·05 | | ·01 | ·45 | | | ·06 | | | ·05 | ·06 | | 27 |
| 28 | ·20 | ·01 | ·02 | ·10 | ·52 | | ·01 | | ·01 | | ·05 | | 28 |
| 29 | ·48 | | | | ·12 | | ·40 | | | ·45 | ·02 | | 29 |
| 30 | ·26 | × | | | ·68 | ·02 | ·05 | | | | | ·28 | 30 |
| 31 | ·12 | × | | × | ·05 | × | ·14 | | × | ·03 | × | | 31 |
| TOTAL | 2·07 | 1·16 | 1·32 | 3·21 | 2·46 | 3·47 | 4·44 | 2·65 | 4·80 | 1·12 | 2·17 | ·96 | YEAR'S TOTAL<br>29·83 |
| *Days with ·01 in. or more. | 22 | 17 | 12 | 19 | 19 | 21 | 25 | 15 | 15 | 11 | 21 | 13 | 210 |
| *Days with ·04 in. or more. | 14 | 11 | 7 | 17 | 12 | 13 | 16 | 12 | 10 | 9 | 14 | 6 | 141 |

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*See Instruction 2 (*f*) on other side.

(Signed) for J. R. Bradshaw

P.T.O.

J. F. A.

**Section** A for the entry of D 3526

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. Sq. (Casella)

Height of top of Gauge above Ground — ft. 12 in.

,, Ground ,, Sea Level 357·0 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·01 | ·24 | | | ·01 | | ·01 | ·39 | | | ·01 | 1 |
| 2 | ·01 | ·08 | | ·65 | | ·75 | | | ·55 | ·06 | | ·16 | 2 |
| 3 | ·03 | | ·01 | ·10 | | ·08 | ·10 | | 1·41 | | ·16 | ·10 | 3 |
| 4 | ·09 | ·10 | | ·01 | | | ·01 | | 1·94 | | ·04 | | 4 |
| 5 | ·01 | | | | ·06 | ·45 | ·09 | ·15 | ·01 | | ·01 | ·18 | 5 |
| 6 | | ·04 | ·16 | | | ·39 | ·61 | ·08 | | ·09 | | | 6 |
| 7 | | | ·13 | | ·01 | ·04 | | ·18 | | | ·10 | ·02 | 7 |
| 8 | ·04 | ·01 | ·17 | ·04 | ·08 | ·06 | ·55 | ·25 | | | ·06 | | 8 |
| 9 | | ·08 | ·22 | ·22 | ·04 | ·09 | ·02 | ·13 | | | ·38 | ·07 | 9 |
| 10 | ·02 | | ·15 | | ·05 | ·16 | ·02 | ·07 | | | ·11 | ·01 | 10 |
| 11 | ·04 | ·13 | | | | ·01 | ·02 | | | | | | 11 |
| 12 | ·10 | | | | | | 1·28 | ·05 | ·01 | ·18 | | | 12 |
| 13 | ·08 | | ·18 | | ·03 | ·01 | ·03 | ·01 | | | | ·01 | 13 |
| 14 | ·05 | ·06 | ·02 | | ·01 | ·61 | ·15 | ·79 | | | ·08 | ·02 | 14 |
| 15 | | ·07 | | ·22 | ·10 | ·01 | ·28 | | ·01 | | ·07 | ·03 | 15 |
| 16 | ·02 | ·26 | | ·09 | | ·05 | ·02 | ·26 | ·18 | ·01 | | | 16 |
| 17 | | ·12 | | ·40 | | ·26 | ·06 | ·04 | | ·04 | | | 17 |
| 18 | ·18 | ·06 | | ·26 | | ·16 | ·15 | | | | ·50 | | 18 |
| 19 | ·03 | ·04 | | ·04 | | ·02 | | ·57 | ·04 | ·05 | ·01 | | 19 |
| 20 | ·01 | ·03 | ·01 | ·10 | ·01 | ·01 | | | ·05 | | ·03 | ·02 | 20 |
| 21 | ·02 | | | ·01 | ·01 | | | ·04 | ·04 | | ·01 | | 21 |
| 22 | ·07 | ·03 | | ·18 | ·13 | ·02 | ·01 | | ·02 | | ·01 | | 22 |
| 23 | ·16 | ·03 | | ·07 | ·15 | ·26 | ·05 | | ·10 | ·07 | ·15 | ·05 | 23 |
| 24 | | | | ·05 | ·39 | | ·11 | ·02 | ·04 | ·09 | ·03 | | 24 |
| 25 | | | | ·13 | ·01 | | ·20 | | | | ·04 | | 25 |
| 26 | | | | ·09 | ·01 | | ·02 | | | | ·25 | | 26 |
| 27 | ·05 | | ·01 | ·45 | | | ·06 | | | ·05 | ·06 | | 27 |
| 28 | ·20 | ·01 | ·02 | ·10 | ·52 | | ·01 | | ·01 | | ·05 | | 28 |
| 29 | ·48 | | | | ·12 | | ·40 | | | ·45 | ·02 | | 29 |
| 30 | ·26 | × | | | ·68 | ·02 | ·05 | | | | | ·28 | 30 |
| 31 | ·12 | × | | × | ·05 | × | ·14 | | × | ·03 | × | | 31 |
| TOTAL | 2·07 | 1·16 | 1·32 | 3·21 | 2·46 | 3·47 | 4·44 | 2·65 | 4·80 | 1·12 | 2·17 | ·96 | YEAR'S TOTAL<br>29·83 |
| *Days with ·01 in. or more. | 22 | 17 | 12 | 19 | 19 | 21 | 25 | 15 | 15 | 11 | 21 | 13 | 210 |
| *Days with ·04 in. or more. | 14 | 11 | 7 | 17 | 12 | 13 | 16 | 12 | 10 | 9 | 14 | 6 | 141 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) for J. R. Bradshaw

J. F. H.

P.T.O.

HB

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10"×10" Square

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 357 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | ·04 | ·29 | | | ·01 | ·16 | ·21 | ·02 | | 1 |
| 2 | | | | ·04 | ·67 | | ·01 | | ·23 | ·10 | ·01 | ·03 | 2 |
| 3 | | ·02 | | ·02 | ·01 | ·01 | ·01 | | | ·04 | | ·11 | 3 |
| 4 | ·01 | ·02 | | | ·06 | ·01 | ·10 | ·29 | | ·01 | | ·01 | 4 |
| 5 | ·09 | ·01 | ·06 | | ·14 | | | | ·05 | | | ·13 | 5 |
| 6 | ·19 | | | ·05 | ·01 | | | | | | | ·05 | 6 |
| 7 | | | ·09 | ·01 | ·06 | ·01 | ·03 | | ·10 | ·14 | ·03 | | 7 |
| 8 | ·01 | ·09 | ·02 | ·03 | ·04 | | | | ·11 | ·13 | ·13 | | 8 |
| 9 | ·14 | ·20 | ·04 | ·07 | | | | | ·01 | ·19 | ·01 | ·19 | 9 |
| 10 | ·14 | ·10 | ·05 | ·01 | ·01 | | ·05 | | ·09 | ·41 | ·01 | ·16 | 10 |
| 11 | | ·26 | ·03 | | ·26 | ·08 | ·25 | | ·01 | | ·01 | | 11 |
| 12 | ·22 | ·08 | | | ·09 | | ·02 | ·04 | | ·07 | ·03 | | 12 |
| 13 | ·01 | ·26 | | ·02 | ·05 | | ·01 | ·01 | ·47 | | ·01 | ·08 | 13 |
| 14 | ·10 | ·09 | | ·02 | | | ·01 | ·01 | | | ·03 | ·01 | 14 |
| 15 | ·01 | | | ·01 | ·07 | | | | | ·04 | ·13 | ·04 | 15 |
| 16 | ·20 | ·01 | ·03 | | ·02 | | | | | ·02 | ·06 | ·02 | 16 |
| 17 | | | ·02 | ·01 | ·01 | | ·04 | | | ·10 | ·01 | | 17 |
| 18 | | | | | ·02 | | | ·02 | | | | | 18 |
| 19 | | ·02 | ·01 | ·08 | ·03 | | ·01 | ·02 | ·01 | ·23 | | | 19 |
| 20 | | | ·12 | ·08 | ·13 | | ·11 | ·44 | | ·15 | | ·01 | 20 |
| 21 | | | ·57 | ·11 | 1·16 | | ·01 | 1·02 | | ·47 | ·02 | | 21 |
| 22 | ·01 | | ·52 | ·10 | ·06 | ·01 | ·23 | | | ·05 | ·13 | | 22 |
| 23 | | ·08 | | ·10 | ·01 | | ·04 | | ·08 | | ·02 | | 23 |
| 24 | | ·02 | | | ·14 | | ·37 | | ·04 | | | | 24 |
| 25 | | ·05 | | ·07 | ·04 | | | ·07 | | ·17 | ·01 | | 25 |
| 26 | | ·01 | | | ·23 | | ·27 | | ·19 | | | ·01 | 26 |
| 27 | | | ·60 | ·13 | ·15 | ·41 | ·17 | | ·12 | ·36 | ·06 | ·02 | 27 |
| 28 | ·03 | | ·02 | ·07 | ·39 | ·31 | | ·11 | | ·11 | | · | 28 |
| 29 | | | ·13 | ·03 | ·06 | | ·35 | 1·16 | ·03 | ·21 | ·12 | ·04 | 29 |
| 30 | | × | ·06 | ·02 | ·01 | ·21 | ·06 | ·04 | ·34 | ·09 | ·20 | ·11 | 30 |
| 31 | | × | ·04 | × | | × | ·46 | | × | ·01 | × | ·01 | 31 |
| TOTAL | 1·16 | 1·32 | 2·41 | 1·09 | 4·22 | 1·05 | 2·61 | 3·24 | 2·04 | 3·31 | 1·05 | 1·03 | YEAR'S TOTAL<br>24·53 |
| *Days with ·01 in. or more. | 13 | 16 | 17 | 22 | 28 | 8 | 21 | 13 | 16 | 22 | 20 | 17 | 213 |
| *Days with .04 in. or more. | 7 | 9 | 11 | 11 | 19 | 4 | 13 | 8 | 12 | 19 | 7 | 9 | 129 |

40-9999

*See Instruction 2 (*f*) on other side.

*(Signed)* for J R Bradshaw

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

H3 *Kept at* HURWORTH BURN RESERVOIR

*in the County of* Durham

SQUARE ~~Diameter~~ of Funnel of Gauge 10"x10" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357.0 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | | ·14 | | | | | | | | ·23 | ·01 | | 1 |
| 2 | ·08 | | ·14 | | | | | | | ·01 | ·78 | ·04 | | 2 |
| 3 | | ·01 | ·30 | | ·24 | | | | ·01 | ·01 | ·48 | | | 3 |
| 4 | ·13 | ·01 | ·05 | | ·03 | | | | | | ·09 | | | 4 |
| 5 | ·02 | ·01 | ·01 | | ·08 | | | | | | ·01 | | | 5 |
| 6 | ·01 | ·02 | | | ·08 | | | | ·01 | | ·01 | ·16 | | 6 |
| 7 | | ·14 | | | ·24 | | | | ·02 | ·16 | ·01 | ·02 | | 7 |
| 8 | ·03 | | ·12 | ·01 | | ·01 | ·05 | | | | | ·12 | | 8 |
| 9 | | ·39 | | | | | ·08 | | | ·11 | ·05 | ·06 | | 9 |
| 10 | ·02 | ·07 | | | | ·05 | ·02 | | | ·36 | ·08 | ·04 | | 10 |
| 11 | ·06 | ·01 | | | ·05 | | ·02 | | | ·01 | ·06 | | | 11 |
| 12 | ·03 | | | | ·01 | ·31 | | | | | | ·18 | | 12 |
| 13 | | | ·03 | | ·08 | | ·09 | ·05 | ·03 | | ·06 | | | 13 |
| 14 | | | ·01 | | ·02 | | ·74 | ·02 | | | ·13 | ·04 | | 14 |
| 15 | ·49 | | | | | | ·08 | | | ·22 | ·11 | ·24 | | 15 |
| 16 | ·56 | | ·02 | ·02 | ·18 | ·07 | | | ~~·02~~ | | ·33 | ·02 | | 16 |
| 17 | ·37 | ·12 | ·09 | ·09 | | ·33 | | | ·02 | | ·16 | | | 17 |
| 18 | | ·22 | ·05 | ·09 | | ·17 | | ·01 | | | ·25 | ·02 | | 18 |
| 19 | | ·01 | ·40 | ·04 | | | ·11 | ·02 | | | ·10 | ·01 | | 19 |
| 20 | | ·10 | | ·05 | | | | | ·32 | ·10 | ·03 | ·01 | | 20 |
| 21 | | ·02 | | | | ·02 | | | ·04 | ·02 | ·06 | ·02 | | 21 |
| 22 | | ·13 | | | | | | ·01 | | 1·12 | ·01 | | | 22 |
| 23 | | ·22 | | ·01 | ·14 | ·03 | | ·13 | ·29 | ·04 | ·03 | ·01 | | 23 |
| 24 | | ·10 | | ·16 | ·37 | ·05 | ·02 | | ·28 | ·03 | ·08 | ·12 | | 24 |
| 25 | | ·16 | | ·13 | | | | ·02 | ·74 | ·32 | ·03 | ·02 | | 25 |
| 26 | ·01 | ·25 | | ·07 | ·04 | | | | | ·12 | ·20 | ·24 | | 26 |
| 27 | ·03 | ·02 | | | | | ·02 | | ·01 | ·29 | ·14 | ·12 | | 27 |
| 28 | ·02 | | | ·03 | ~~·01~~ | | ·01 | ·02 | ·02 | ·30 | ·01 | ·08 | | 28 |
| 29 | | | | ·15 | ·01 | | ·49 | ~~·01~~ | | ·20 | | ·03 | | 29 |
| 30 | ·05 | × | ·02 | | | | ·03 | | ·18 | ·01 | | ·33 | | 30 |
| 31 | ·01 | × | ·06 | × | | × | ·02 | ·10 | × | | × | ·02 | | 31 |
| TOTAL | 1·93 | 2·01 | 1·44 | ·85 | 1·57 | 1·05 | 1·78 | ·38 | 1·87 | 3·43 | 3·53 | 1·86 | Year's Total<br>21·70 | |
| *Days with ·01 in. or more. | 17 | 19 | 14 | 12 | 14 | 9 | 14 | 9 | 13 | 18 | 26 | 24 | 189 | |
| *Days with ·04 in. or more. | 7 | 11 | 9 | 8 | 10 | 6 | 7 | 3 | 6 | 6 | 18 | 13 | 10[illegible] | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) for J. R. Bradshaw

HARTLEPOOL GAS & WATER CO.

P.T.O.

3526

**Section** A for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge............in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | | ·14 | | | | | | | | ·23 | ·01 | 1 |
| 2 | ·08 | | ·14 | | | | | | | ·01 | ·78 | ·04 | 2 |
| 3 | | ·01 | ·30 | | ·24 | | | | ·01 | ·01 | ·48 | | 3 |
| 4 | ·13 | ·01 | ·05 | | ·03 | | | | | | ·09 | | 4 |
| 5 | ·02 | ·01 | ·01 | | ·08 | | | | | | ·01 | | 5 |
| 6 | ·01 | ·02 | | | ·08 | | | | ·01 | | ·01 | ·16 | 6 |
| 7 | | ·14 | | | ·24 | | | | ·02 | ·16 | ·01 | ·02 | 7 |
| 8 | ·03 | | ·12 | ·01 | | ·01 | ·05 | | | | | ·12 | 8 |
| 9 | | ·39 | | | | | ·08 | | | ·11 | ·05 | ·06 | 9 |
| 10 | ·02 | ·07 | | | | ·06 | ·02 | | | ·36 | ·08 | ·04 | 10 |
| 11 | ·06 | ·01 | | | ·05 | | ·02 | | | ·01 | ·06 | | 11 |
| 12 | ·03 | | | | ·01 | ·31 | | | | | | ·18 | 12 |
| 13 | | | ·03 | | ·08 | | ·09 | ·05 | ·03 | | ·06 | | 13 |
| 14 | | | ·01 | | ·02 | | ·74 | ·02 | | | ·13 | ·04 | 14 |
| 15 | ·49 | | | | | | ·08 | | | ·22 | ·11 | ·24 | 15 |
| 16 | ·56 | | ·02 | ·02 | ·18 | ·07 | | | | | ·33 | ·02 | 16 |
| 17 | ·37 | ·12 | ·09 | ·09 | | ·33 | | | ·02 | | ·16 | | 17 |
| 18 | | ·22 | ·05 | ·09 | | ·17 | | ·01 | | | ·25 | ·02 | 18 |
| 19 | | ·01 | ·40 | ·04 | | | ·11 | ·02 | | | ·10 | ·01 | 19 |
| 20 | | ·10 | | ·05 | | | | | ·32 | ·10 | ·03 | ·01 | 20 |
| 21 | | ·02 | | | | ·02 | | | ·04 | ·02 | ·06 | ·02 | 21 |
| 22 | | ·13 | | | | | | ·01 | | 1·12 | ·01 | | 22 |
| 23 | | ·22 | | ·01 | ·14 | ·03 | | ·13 | ·29 | ·04 | ·03 | ·01 | 23 |
| 24 | | ·10 | | ·16 | ·37 | ·05 | ·02 | | ·28 | ·03 | ·08 | ·12 | 24 |
| 25 | | ·16 | | ·13 | | | | ·02 | ·74 | ·32 | ·03 | ·02 | 25 |
| 26 | ·01 | ·25 | | ·07 | ·04 | | | | | ·12 | ·20 | ·24 | 26 |
| 27 | ·03 | ·02 | | | | | ·02 | | ·01 | ·29 | ·14 | ·02 | 27 |
| 28 | ·02 | | | ·03 | | | ·01 | | ·02 | ·30 | ·01 | ·08 | 28 |
| 29 | | | | ·15 | ·01 | | ·49 | ·02 | | ·20 | | ·03 | 29 |
| 30 | ·05 | × | ·02 | | | | ·03 | | ·08 | ·01 | | ·33 | 30 |
| 31 | ·01 | × | ·06 | × | | × | ·02 | ·10 | × | | × | ·02 | 31 |
| TOTAL | 1·93 | 2·01 | 1·44 | ·85 | 1·57 | 1·05 | 1·78 | ·38 | 1·87 | 3·43 | 3·53 | 1·86 | YEAR'S TOTAL<br>21·70 |
| *Days with ·01 in. or more. | 17 | 19 | 14 | 12 | 14 | 9 | 14 | 9 | 13 | 18 | 26 | 24 | 189 |
| *Days with ·04 in. or more. | 7 | 11 | 9 | 8 | 10 | 6 | 7 | 3 | 6 | 12 | 18 | 12 | 109 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*) J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* HURWORTH BURN RESERVOIR

*in the County of* DURHAM

~~Diameter of~~ Funnel of Gauge 10 in. SQ.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357·0 ft.

~~Days~~

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | | | | | | ·01 | ·21 | ·01 | | | ·02 | | 1 |
| 2 | ·02 | ·02 | | | | | | ·21 | ·07 | | ·11 | ·30 | | 2 |
| 3 | | ·04 | | ·01 | | | | | | ·09 | ·08 | ·07 | | 3 |
| 4 | ·01 | | | ·07 | | ·01 | | | ·04 | ·09 | ·15 | ·67 | | 4 |
| 5 | | | ·05 | ·08 | ·02 | ·01 | | | ·02 | | ·36 | ·62 | | 5 |
| 6 | | | | ·01 | ·20 | ·08 | | 1·22 | ·01 | ·04 | ·09 | ·24 | | 6 |
| 7 | ·03 | ·02 | ·01 | | | ·63 | | | ·04 | | | ·09 | | 7 |
| 8 | | | ·01 | | | ·03 | | ·02 | ·08 | 02 | ·01 | ·07 | | 8 |
| 9 | | | | ·55 | | | | ·01 | ·01 | ·01 | ·84 | | | 9 |
| 10 | ·01 | | ·18 | 12 | | | | ·32 | | | 41 | | | 10 |
| 11 | ·10 | | ·53 | ·54 | | | | 06 | | | ·16 | ·03 | | 11 |
| 12 | | | ·46 | ·33 | | | ·20 | ·09 | | | ·09 | ·14 | | 12 |
| 13 | ·30 | | ·05 | ·02 | | | ·36 | 06 | ·01 | ·01 | ·07 | ·01 | | 13 |
| 14 | ·13 | | ·18 | | ·02 | | ·45 | | ·01 | | ·03 | ·19 | | 14 |
| 15 | | | ·03 | | ·16 | | | ·03 | | ·21 | ·16 | ·08 | | 15 |
| 16 | ·10 | | ·08 | | ·06 | ·10 | | | | ·02 | ·13 | | | 16 |
| 17 | ·06 | ·01 | ·08 | | | | ·18 | | ·14 | ·07 | | ·14 | | 17 |
| 18 | ·07 | | ·01 | | 35 | ·13 | ·03 | ·02 | | | | ·07 | | 18 |
| 19 | | | ·12 | ·10 | ·01 | ·23 | | ·01 | ·01 | ·06 | ·01 | ·01 | | 19 |
| 20 | | | ·25 | | | ·05 | | ·04 | | | | | | 20 |
| 21 | | | | | | ·34 | | ·01 | 13 | ·07 | | | | 21 |
| 22 | | | | ·02 | | ·45 | ·01 | ·20 | ·10 | ·10 | | | | 22 |
| 23 | | | ·03 | ·15 | | | ·17 | | | ·16 | ·01 | ·10 | | 23 |
| 24 | | | | | ·03 | ·27 | ·02 | | ·12 | ·37 | | ·10 | | 24 |
| 25 | | | | ·08 | | | ·01 | | ·04 | ·10 | ·04 | ·48 | | 25 |
| 26 | ·05 | ·01 | | ·89 | | ·07 | | | ·01 | ·08 | | ·01 | | 26 |
| 27 | | ·36 | | ·11 | | ·08 | ·04 | | | ·15 | | ·12 | | 27 |
| 28 | | | | ·26 | | ·01 | | ·20 | | ·03 | | ·31 | | 28 |
| 29 | | | ·10 | | | | ·09 | ·11 | ·35 | ·14 | | ·16 | | 29 |
| 30 | ·09 | × | ·02 | | | | ·12 | ·01 | ·01 | ·86 | | ·01 | | 30 |
| 31 | ·07 | × | | × | | × | | ·02 | × | ·01 | × | ·01 | | 31 |
| TOTAL | 1·09 | ·46 | 2·19 | 3·34 | ·85 | 2·49 | 1·69 | 2·83 | 1·21 | 2·69 | 2·75 | 4·05 | Year's Total<br>25·64 | |
| *Days with ·01 in. or more. | 14 | 6 | 14 | 16 | 8 | 15 | 13 | 19 | 19 | 21 | 14 | 25 | 190 | |
| *Days with .04 in. or more. | 10 | 2 | 11 | 12 | 4 | 11 | 8 | 11 | 10 | 15 | 13 | 18 | 125 | |

40-9999

*See Instruction 2 (*f*) on other side.

HARTLEPOOL GAS & WATER COMPANY

M

† Spare column, no entries required.

(*Signed*) for J R Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Hurworth Burn Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | 05 | | | | | | 01 | 21 | 01 | | | 02 | | 1 |
| 2 | 02 | 02 | | | | | | 21 | 07 | | 11 | 30 | | 2 |
| 3 | | 04 | | 01 | | | | | | 09 | 08 | 07 | | 3 |
| 4 | 01 | | | 07 | | 01 | | | 04 | 09 | 15 | 67 | | 4 |
| 5 | | | 05 | 08 | 02 | 01 | | | 02 | | 36 | 62 | | 5 |
| 6 | | | | 01 | 20 | 08 | | 1·22 | 01 | 04 | 09 | 24 | | 6 |
| 7 | 03 | 02 | 01 | | | 63 | | | 04 | | | 09 | | 7 |
| 8 | | | 01 | | | 03 | | 02 | 08 | 02 | 01 | 07 | | 8 |
| 9 | | | | 55 | | | | 01 | 01 | 01 | 84 | | | 9 |
| 10 | 01 | | 18 | 12 | | | | 32 | | | 41 | | | 10 |
| 11 | 10 | | 53 | 54 | | | | 04 | | | 16 | 03 | | 11 |
| 12 | | | 46 | 33 | | | 20 | 09 | | | 09 | 14 | | 12 |
| 13 | 30 | | 05 | 02 | | | 36 | 06 | 01 | 01 | 07 | 01 | | 13 |
| 14 | 13 | | 18 | | 02 | | 45 | | 01 | | 03 | 19 | | 14 |
| 15 | | | 03 | | 16 | | | 03 | | 21 | 16 | 08 | | 15 |
| 16 | 10 | | 08 | | 06 | 10 | | | | 02 | 13 | | | 16 |
| 17 | 06 | 01 | 08 | | | | 18 | | 14 | 07 | | 14 | | 17 |
| 18 | 07 | | 01 | | 35 | 13 | 03 | 02 | | | | 07 | | 18 |
| 19 | | | 12 | 10 | 01 | 23 | | 01 | 01 | 06 | 01 | 01 | | 19 |
| 20 | | | 25 | | | 05 | | 04 | | | | | | 20 |
| 21 | | | | | | 34 | | 01 | 13 | 07 | | | | 21 |
| 22 | | | | 02 | | 45 | 01 | 20 | 10 | 10 | | | | 22 |
| 23 | | | 03 | 15 | | | 17 | | | 16 | 01 | 10 | | 23 |
| 24 | | | | | 03 | 27 | 02 | | 12 | 37 | | 10 | | 24 |
| 25 | | | | 08 | | | 01 | | 04 | 10 | 04 | 48 | | 25 |
| 26 | 05 | 01 | | 89 | | 07 | | | 01 | 08 | | 01 | | 26 |
| 27 | | 36 | | 11 | | 08 | 04 | | | 15 | | 12 | | 27 |
| 28 | | | | 26 | | 01 | | 20 | | 03 | | 31 | | 28 |
| 29 | | | 10 | | | | 09 | 11 | 35 | 14 | | 16 | | 29 |
| 30 | 09 | × | 02 | | | | 12 | 01 | 01 | 86 | | 01 | | 30 |
| 31 | 07 | × | | × | | × | | 02 | × | 01 | × | 01 | | 31 |
| TOTAL | 1·09 | 46 | 2·19 | 3·34 | 85 | 2·49 | 1·69 | 2·83 | 1·21 | 2·69 | 2·75 | 4·05 | Year's Total<br>25·64 | |
| *Days with ·01 in. or more. | 14 | 6 | 17 | 16 | 8 | 15 | 13 | 19 | 19 | 21 | 17 | 25 | 190 | |
| *Days with .04 in. or more. | 10 | 2 | 11 | 12 | 4 | 11 | 8 | 11 | 10 | 15 | 13 | 18 | 125 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

SQUARE ~~Diameter of~~ Funnel of Gauge 10"×10" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357 ft.

Nov cor by monthly card

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·40 | | ·07 | ·11 | | | ·03 | | ·24 | ·16 | ·02 | ·11 | | 1 |
| 2 | ·01 | | ·03 | ·11 | | ·04 | | | | ·53 | ·02 | | | 2 |
| 3 | | ·49 | ·13 | ·12 | | ·23 | | | ·15 | | ·32 | | | 3 |
| 4 | | | ·01 | | | ·43 | | | | ·63 | ·06 | | | 4 |
| 5 | ·18 | ·52 | | | | ·15 | ·01 | | ·30 | ·46 | ·03 | | | 5 |
| 6 | ·38 | ·05 | | | | ·06 | | | | ·20 | ·01 | | | 6 |
| 7 | ·29 | | | ·08 | | ·27 | | | | ·15 | ·67 | ·08 | | 7 |
| 8 | | | | ·11 | | ·02 | | | | ·01 | ·04 | ·13 | | 8 |
| 9 | ·01 | ·01 | | ·17 | ·03 | ·05 | | | | ·34 | ·21 | ·02 | | 9 |
| 10 | | ·06 | | ·02 | | ·19 | | | | ·09 | ·08 | | | 10 |
| 11 | ·06 | | | | | ·02 | | ·18 | | ·01 | ·03 | ·09 | | 11 |
| 12 | | | | | ·01 | ·02 | | | | | | | | 12 |
| 13 | ·08 | | | ·11 | ·25 | | ·08 | | ·04 | | ·01 | ·02 | | 13 |
| 14 | | | | ·02 | ·14 | ·12 | ·14 | | ·03 | | ·28 | ·13 | | 14 |
| 15 | ·01 | ·02 | | ·40 | ·10 | ·02 | | | ·07 | ·06 | ·04 | ·11 | | 15 |
| 16 | | ·17 | ·10 | ·20 | ·20 | | ·04 | ·13 | ·17 | | ·32 | ·05 | | 16 |
| 17 | ·01 | | ·01 | ·20 | ·02 | ·26 | | ·03 | | ·01 | 1·09 | ·21 | | 17 |
| 18 | ·07 | | | ·01 | ·01 | ·08 | ·08 | ·32 | ·04 | ·07 | ·20 | ·26 | | 18 |
| 19 | ·05 | ·04 | | ·02 | | ·19 | ·13 | | | | ·03 | ·04 | | 19 |
| 20 | | ·13 | | ·20 | | ·11 | ·06 | | | | ·13 | | | 20 |
| 21 | | ·15 | | ·27 | | | | | 1·65 | ·45 | ·11 | | | 21 |
| 22 | | ·28 | ·02 | | | | | | | ·01 | ·10 | | | 22 |
| 23 | ·04 | | ·04 | | | | | ·20 | | ·11 | ·04 | ·02 | | 23 |
| 24 | ·04 | ·75 | ·06 | ·03 | | | | ·01 | 1·20 | | | ·21 | | 24 |
| 25 | ·10 | ·02 | | | | ·02 | | | | | ·02 | ·10 | | 25 |
| 26 | ·35 | | | ·01 | | ·01 | ·05 | ·61 | ·23 | ·10 | ·0~~3~~4 | ·25 | | 26 |
| 27 | ·14 | ·03 | | | | ·02 | ·01 | | ·20 | ·10 | ·07 | ·28 | | 27 |
| 28 | ·07 | ·09 | ·01 | | | | | ·01 | ·06 | ·23 | ·01 | | | 28 |
| 29 | ·01 | | ·11 | | | ·01 | | ·05 | ·03 | ·04 | ·07 | ·10 | | 29 |
| 30 | | ✕ | ·01 | | | ·32 | | ·02 | ·46 | ·29 | ·11 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | ·01 | ✕ | ·21 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·30 | 2·81 | ·60 | 2·19 | ·76 | 2·64 | ·63 | 1·56 | 4·87 | 4·06 | 4·16 | 2·42 | ~~28·99~~ | 29.00 |
| * Days with .01 in. or more. | 19 | 15 | 12 | 18 | 8 | 22 | 10 | 10 | 15 | 22 | 28 | 19 | 198 | |
| * Days with .04 in. or more. | 14 | 11 | 6 | 12 | 4 | 14 | 7 | 6 | 13 | 17 | ~~18~~ 19 | 16 | ~~138~~ 139 | |

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) for J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Hurworth Burn Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·40 | | ·07 | ·11 | | | ·03 | | ·24 | ·16 | ·02 | ·11 | | 1 |
| 2 | ·01 | | ·03 | ·11 | | ·04 | | | | ·53 | ·02 | | | 2 |
| 3 | | ·49 | ·13 | ·12 | | ·23 | | | ·15 | | ·32 | | | 3 |
| 4 | | | ·01 | | | ·43 | | | | ·63 | ·06 | | | 4 |
| 5 | ·18 | ·52 | | | | ·15 | ·01 | | ·30 | ·46 | ·03 | | | 5 |
| 6 | ·38 | ·05 | | | | ·06 | | | | ·20 | ·01 | | | 6 |
| 7 | ·29 | | | ·08 | | ·27 | | | | ·15 | 67 | ·08 | | 7 |
| 8 | | | | ·11 | | ·02 | | | | 01 | 04 | ·13 | | 8 |
| 9 | ·01 | ·01 | | ·17 | ·03 | ·05 | | | | ·34 | ·21 | ·02 | | 9 |
| 10 | | ·06 | | 02 | | ·19 | | | | 09 | ·08 | | | 10 |
| 11 | ·06 | | | | | ·02 | | ·18 | | ·01 | ·03 | ·09 | | 11 |
| 12 | | | | | ·01 | ·02 | | | | | | | | 12 |
| 13 | ·08 | | | ·11 | ·25 | | ·08 | | ·04 | | ·01 | ·02 | | 13 |
| 14 | | | | ·02 | 14 | ·12 | ·14 | | ·03 | | ·28 | ·13 | | 14 |
| 15 | ·01 | ·02 | | ·40 | ·10 | ·02 | | | ·07 | ·06 | ·04 | ·11 | | 15 |
| 16 | | ·17 | ·10 | ·20 | ·20 | | ·04 | ·13 | ·17 | | ·32 | ·05 | | 16 |
| 17 | ·01 | | ·01 | ·20 | ·02 | ·26 | | ·03 | | ·01 | 1·09 | ·21 | | 17 |
| 18 | ·07 | | | ·01 | ·01 | ·08 | ·08 | ·32 | ·04 | ·07 | ·20 | ·26 | | 18 |
| 19 | ·05 | ·04 | | ·02 | | ·19 | ·13 | | | | ·03 | ·04 | | 19 |
| 20 | | ·13 | | ·20 | | ·11 | ·06 | | | | ·13 | | | 20 |
| 21 | | ·15 | | ·27 | | | | | 1·65 | ·45 | ·11 | | | 21 |
| 22 | | ·28 | ·02 | | | | | | | ·01 | ·10 | | | 22 |
| 23 | ·04 | | ·04 | | | | | ·20 | | ·11 | ·04 | ·02 | | 23 |
| 24 | ·04 | ·75 | ·06 | ·03 | | | | ·01 | 1·20 | | | ·21 | | 24 |
| 25 | ·10 | ·02 | | | | ·02 | | | | | ·02 | ·10 | | 25 |
| 26 | ·35 | | | ·01 | | ·01 | ·05 | ·61 | ·23 | ·10 | ·04 | ·25 | | 26 |
| 27 | ·14 | ·03 | | | | ·02 | ·01 | | ·20 | ·10 | 07 | ·28 | | 27 |
| 28 | ·07 | ·09 | ·01 | | | | | ·01 | ·06 | ·23 | ·01 | | | 28 |
| 29 | ·01 | | ·11 | | | ·01 | | ·05 | ·03 | ·04 | ·07 | ·10 | | 29 |
| 30 | | X | ·01 | | | ·32 | | ·02 | ·46 | ·29 | ·11 | | | 30 |
| 31 | | X | | X | | X | | | X | ·01 | X | ·21 | | 31 |
| TOTAL | 2·30 | 2·81 | ·60 | 2·19 | ·76 | 2·64 | ·63 | 1·56 | 4·87 | 4·06 | 4·16 | 2·42 | Year's Total<br>29·00 | |
| *Days with ·01 in. or more. | 19 | 15 | 12 | 18 | 8 | 22 | 10 | 10 | 15 | 22 | 28 | 19 | 198 | |
| *Days with .04 in. or more. | 14 | 11 | 6 | 12 | 4 | 14 | 7 | 6 | 13 | 17 | 19 | 16 | 139 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* HURWORTH BURN RESERVOIR

*in the County of* DURHAM

~~Diameter of~~ Funnel of Gauge 10in X 10 in. SQUARE

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 357 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·17 | ·11 | ·19 | ·01 | - | ·10 | ·06 | ·21 | ·13 | ·01 | ·02 | - | 1 |
| 2 | - | ·02 | ·08 | - | - | ·20 | ·21 | ·05 | - | - | ·06 | ·03 | 2 |
| 3 | - | ·05 | - | - | - | 1·83 | ·25 | - | ·22 | - | - | - | 3 |
| 4 | ·19 | - | ·03 | ·01 | ·02 | ·08 | - | ·18 | ·07 | ·04 | ·06 | ·06 | 4 |
| 5 | ·04 | - | - | - | ·01 | ·02 | - | ·10 | ·01 | ·06 | ·08 | - | 5 |
| 6 | - | - | - | ·06 | ·02 | - | ·02 | 1·13 | ·53 | - | ·11 | - | 6 |
| 7 | ·12 | - | - | - | ·01 | - | ·51 | - | ·04 | - | ·01 | ·03 | 7 |
| 8 | ·10 | - | ·14 | - | ·01 | - | - | - | - | ·05 | ·01 | ·02 | 8 |
| 9 | ·30 | - | ·45 | - | ·06 | ·01 | - | ·02 | - | ·15 | ·11 | - | 9 |
| 10 | ·04 | - | - | ·01 | - | - | ·09 | - | - | ·01 | ·02 | ·02 | 10 |
| 11 | - | - | - | ·19 | - | - | ·34 | ·10 | ·01 | - | ·52 | - | 11 |
| 12 | - | - | - | ·26 | ·16 | ·19 | ·02 | ·09 | ·21 | - | ·52 | ·06 | 12 |
| 13 | - | - | - | ·22 | - | ·12 | ·05 | - | - | ·09 | ·05 | ·40 ✓ | 13 |
| 14 | - | - | - | ·16 | - | ·19 | ·03 | ·02 | ·01 | ·01 | ·01 | ·75 | 14 |
| 15 | ·03 | - | - | ·33 | - | ·02 | ·24 | ·03 | ·01 | - | ·13 | ·07 ✓ | 15 |
| 16 | ·08 | - | - | ·03 | - | - | - | - | - | - | ·27 | ·03 | 16 |
| 17 | ·01 | ·33 | - | - | ·07 | - | ·23 | - | - | ·05 | ·37 | ·01 ✓ | 17 |
| 18 | - | ·07 | - | ·07 | - | - | - | ·03 | - | ·01 | ·01 | - | 18 |
| 19 | ·52 | ·25 | - | - | - | - | ·13 | ·03 | - | ·03 | - | - | 19 |
| 20 | ·31 | ·08 | - | ·01 | ·04 | ·02 | ·09 | - | - | ·01 | - | - | 20 |
| 21 | ·02 | ·02 | ·01 | - | - | - | - | - | - | - | - | ·02 | 21 |
| 22 | - | ·51 | ·02 | - | ·06 | ·15 | - | - | - | - | - | - | 22 |
| 23 | - | - | ·01 | ·07 | ·14 | - | ·56 | - | - | - | ·01 | - | 23 |
| 24 | ·02 | ·14 | - | ·02 | 1·24 | - | - | - | ·36 | ·11 | ·01 | - | 24 |
| 25 | ·27 | - | ·07 | - | ·01 | - | ·01 | - | ·47 | - | - | - | 25 |
| 26 | ·02 | ·03 | ·73 | - | - | - | ·01 | - | ·11 | ·17 | ·03 | - | 26 |
| 27 | ·03 | ·02 | ·01 | - | - | - | - | - | ·21 | ·06 | ·01 | - | 27 |
| 28 | ·28 | ·77 | ·01 | - | - | - | ·08 | - | - | - | ·03 | - | 28 |
| 29 | ·65 | ·90 | ·06 | - | ·18 | ·60 | ·05 | - | - | ·02 | ·14 | - | 29 |
| 30 | ·02 | X | - | - | ·06 | ·16 | ·36 | - | - | ·21 | - | - | 30 |
| 31 | - | X | ·02 | X | ·05 | X | - | - | X | - | X | ·02 | 31 |
| | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | YEAR'S TOTAL |
| TOTAL | 3·22 | 3·30 | 1·83 | 1·45 | 2·14 | 3·69 | 3·34 | 1·99 | 2·39 | 1·09 | 2·59 | 1·52 | 28·55 |
| *Days with ·01 in. or more. | 20 | 14 | 14 | 14 | 16 | 14 | 20 | 12 | 14 | 17 | 23 | 13 | 191 ✓ |
| *Days with .04 in. or more. | 13 | 10 | 7 | 8 | 10 | 10 | 15 | 7 | 10 | 10 | 12 | 5 | 117 ✓ |

40-9999

*See Instruction 2 (*f*) on other side,

(Signed) for J.R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Hurworth Burn Res.
*in the County of* Durham
~~Diameter of~~ Funnel of Gauge 10in. × 10 in. SQUARE
Height of top of Gauge above Ground 1 ft. 0 in.
„ Ground „ Sea Level 357 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·03 | ·08 | - | - | ·06 | - | - | ·15 | ·01 | ·01 | ·28 | | 1 |
| 2 | - | ·06 | ·02 | ·30 | - | ·01 | - | - | - | - | - | ·21 | | 2 |
| 3 | - | ·02 | - | ·04 | ·01 | ·21 | ·37 | - | - | - | - | ·16 | | 3 |
| 4 | ·03 | - | ·09 | ·08 | ·19 | - | ·02 | ·08 | ·01 | - | - | ·08 | | 4 |
| 5 | - | - | ·14 | - | ·05 | - | ·02 | - | ·03 | ·01 | - | ·41 | | 5 |
| 6 | - | - | ·11 | ·02 | ·13 | - | - | ·01 | - | - | ·10 | ·46 | | 6 |
| 7 | - | ·21 | ·13 | ·03 | ·02 | ·01 | - | - | - | ·01 | ·01 | ·43 | | 7 |
| 8 | - | ·42 | ·12 | ·01 | - | ·02 | ·08 | ·02 | - | - | ·05 | ·27 | | 8 |
| 9 | - | - | ·20 | ·06 | ·01 | - | ·18 | ·10 | - | - | ·34 | ·32 | | 9 |
| 10 | - | ·03 | ·01 | ·01 | ·17 | ·02 | ·12 | - | ·03 | - | ·33 | ·23 | | 10 |
| 11 | - | - | ·85 | ·29 | ·08 | - | - | - | ·01 | ·01 | ·01 | ·45 | | 11 |
| 12 | ·06 | ·21 | ·29 | ·16 | ·07 | ·01 | ·01 | - | ·07 | - | - | ·25 | | 12 |
| 13 | - | ·10 | ·05 | ·10 | ·04 | ·09 | - | - | ·09 | - | - | ·16 | | 13 |
| 14 | - | - | ·14 | ·01 | - | ·12 | - | ·62 | ·01 | - | ·01 | ·42 | | 14 |
| 15 | ·05 | ·45 | ·03 | ·26 | - | - | ·01 | ·02 | ·04 | - | - | ·24 | | 15 |
| 16 | ·04 | ·01 | ·08 | ·38 | - | ·12 | - | ·02 | ·04 | - | - | ·52 | | 16 |
| 17 | ·10 | ·02 | ·15 | ·10 | - | ·02 | - | - | ·82 | - | - | ·12 | | 17 |
| 18 | ·12 | ·01 | ·03 | - | - | ·10 | ·12 | ·04 | ·03 | ·01 | ·19 | - | | 18 |
| 19 | - | ·02 | ·04 | ·10 | - | - | - | ·15 | ·01 | ·01 | 1·06 | - | | 19 |
| 20 | ·02 | - | ·16 | ·01 | ·66 | - | - | - | ·01 | - | - | ·01 | | 20 |
| 21 | - | - | ·06 | ·03 | ·08 | ·02 | ·19 | - | - | - | - | ·11 | | 21 |
| 22 | - | - | ·07 | ·01 | - | - | ·01 | - | - | ·11 | ·40 | - | | 22 |
| 23 | ·47 | - | ·03 | - | ·61 | - | ·12 | - | - | ·66 | ·17 | - | | 23 |
| 24 | ·15 | - | ·01 | - | ·10 | - | ·22 | - | ·11 | ·18 | ·01 | - | | 24 |
| 25 | ·21 | ·15 | - | - | - | - | ·01 | ·11 | - | ·17 | - | ·01 | | 25 |
| 26 | ·02 | ·12 | ·06 | - | ·40 | - | - | - | ·02 | - | ·02 | ·01 | | 26 |
| 27 | - | ·48 | ·16 | ·10 | - | - | ·01 | - | - | ·26 | ·04 | ·02 | | 27 |
| 28 | ·16 | ·08 | ·05 | - | - | - | - | - | - | ·11 | - | ·02 | | 28 |
| 29 | ·19 | × | - | - | - | - | - | - | - | ·05 | ·01 | ·08 | | 29 |
| 30 | ·12 | × | - | - | - | ·11 | - | - | - | ·05 | ·12 | ·05 | | 30 |
| 31 | ·52 | × | - | × | - | × | - | ·01 | × | ·25 | × | ·03 | | 31 |
| TOTAL | 2·27 | 2·42 | 3·16 | 2·10 | 2·62 | ·92 | 1·49 | 1·18 | 1·48 | 1·90 | 2·88 | 5·35 | Year's Total<br>27·77 | ✓ |
| * Days with .01 in. or more. | 16 | 17 | 26 | 20 | 15 | 14 | 15 | 11 | 16 | 15 | 17 | 26 | 208 | ✓ |
| * Days with .04 in. or more. | 12 | 10 | 20 | 12 | 12 | 7 | 8 | 6 | 7 | 9 | 10 | 20. | 133 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. A. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3526

**Section A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]0

# REGISTER OF RAINFALL IN 1938

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10"x10" in. Square

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·04 | - | ·01 | - | - | 1·46 | ·10 | - | ·11 | - | ·14 | ·14 | | 1 |
| 2 | ·42 | - | - | - | - | ·23 | ·42 | - | ·07 | ·22 | ·09 | ·07 | | 2 |
| 3 | ·06 | - | - | - | - | ·01 | ·02 | - | ·12 | ·35 | ·03 | - | | 3 |
| 4 | ·10 | - | - | ·01 | - | ·03 | ·08 | - | - | ·19 | - | ·33 | | 4 |
| 5 | - | ·03 | - | - | - | - | ·07 | ·36 | ·01 | ·01 | - | ·01 | | 5 |
| 6 | ·05 | - | ·01 | - | - | - | ·23 | - | ·01 | ·05 | - | ·01 | | 6 |
| 7 | - | - | - | - | - | ·01 | ·38 | ·12 | ·24 | ·14 | - | - | | 7 |
| 8 | ·11 | - | ·01 | - | - | - | ·39 | ·02 | - | ·42 | ·12 | ·08 | | 8 |
| 9 | ·14 | ·07 | - | - | ·09 | ·05 | ·02 | ·01 | - | - | - | ·18 | | 9 |
| 10 | ·02 | ·01 | - | - | - | ·14 | ·03 | - | ·02 | - | - | ·02 | | 10 |
| 11 | ·01 | - | - | - | ·01 | ·10 | - | - | - | ·01 | ·06 | ·07 | | 11 |
| 12 | ·06 | ·47 | - | - | ·05 | - | - | ·62 | - | ·22 | ·05 | - | | 12 |
| 13 | ·05 | ·10 | - | - | - | - | ·01 | ·01 | ·14 | - | ·14 | ·16 | | 13 |
| 14 | ·14 | ·02 | - | - | ·02 | - | - | - | - | - | - | ·06 | | 14 |
| 15 | ·05 | ·04 | - | - | - | - | ·22 | ·10 | - | ·03 | ·01 | ·16 | | 15 |
| 16 | ·10 | ·04 | - | - | ·55 | - | ·47 | ·03 | ·15 | - | ·03 | ·37 | | 16 |
| 17 | ·01 | - | - | - | ·26 | - | ·01 | ·07 | ·03 | ·21 | ·01 | ·01 | | 17 |
| 18 | - | ·04 | - | - | ·04 | ·01 | - | - | ·08 | ·05 | ·10 | ·05 | | 18 |
| 19 | - | - | - | - | ·01 | ·02 | - | ·07 | ·11 | - | ·01 | ·25 | | 19 |
| 20 | ·01 | - | - | - | - | - | - | ·05 | ·06 | ·01 | ·21 | ·22 | | 20 |
| 21 | - | - | ·06 | - | - | - | - | ·07 | - | - | ·02 | ·15 | | 21 |
| 22 | - | ·05 | - | - | - | ·06 | - | - | - | - | ·20 | ·27 | | 22 |
| 23 | - | - | - | ·01 | ·18 | ·08 | - | - | ·05 | - | ·06 | ·17 | | 23 |
| 24 | ·10 | - | - | - | ·12 | - | - | ·30 | ·19 | ·02 | ·01 | ·02 | | 24 |
| 25 | ·02 | - | - | - | ·09 | - | ·08 | ·08 | - | ·38 | ·22 | ·08 | | 25 |
| 26 | - | ·55 | ·05 | - | - | ·01 | - | - | ·07 | ·16 | - | - | | 26 |
| 27 | ·02 | ·04 | - | ·03 | ·32 | ·08 | ·12 | ·16 | ·06 | ·24 | ·02 | ·01 | | 27 |
| 28 | ·08 | - | - | ·02 | ·53 | ·18 | - | ·01 | ·06 | ·02 | - | ·01 | | 28 |
| 29 | ·01 | - | - | ·04 | ·53 | ·01 | ·03 | - | - | - | ·05 | ·02 | | 29 |
| 30 | ·03 | ✕ | - | - | ·10 | - | - | ·01 | ·16 | - | ·14 | ·01 | | 30 |
| 31 | ·09 | ✕ | - | ✕ | ·14 | ✕ | - | - | ✕ | ·04 | ✕ | ·55 | | 31 |
| TOTAL | 1·72 | 1·46 | ·14 | ·11 | 3·04 | 2·48 | 2·68 | 2·09 | 1·74 | 2·77 | 1·72 | 3·48 | Year's Total 23·43 | ✓ |
| * Days with .01 in. or more. | 23 | 12 | 5 | 5 | 16 | 16 | 17 | 17 | 19 | 19 | 21 | 27 | 197 | ✓ |
| * Days with .04 in. or more. | 15 | 9 | 2 | 1 | 13 | 9 | 11 | 11 | 15 | 13 | 13 | 18 | 130 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3526

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10" x 10" in. (SQUARE)

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·34 | - | - | ·02 | - | - | ·01 | ·05 | ·02 | ·30 | ·03 | - | | 1 |
| 2 | ·13 | - | - | ·06 | ·01 | - | ·03 | ·42 | ·70 | ·12 | ·07 | ·01 | | 2 |
| 3 | - | - | ·03 | ·24 | - | - | ·01 | ·20 | - | ·02 | ·21 | ·02 | | 3 |
| 4 | ·04 | - | ·16 | ·20 | - | - | ·16 | - | - | - | ·21 | ·11 | | 4 |
| 5 | - | - | ·01 | - | ·28 | - | ·06 | ·71 | - | ·12 | ·34 | ·17 | | 5 |
| 6 | ·11 | - | - | - | ·03 | - | ·13 | ·03 | - | ·02 | - | - | | 6 |
| 7 | ·02 | ·05 | ·03 | - | ·23 | - | - | - | - | ·17 | ·02 | ·05 | | 7 |
| 8 | ·04 | ·01 | ·03 | ·08 | - | - | ·11 | - | - | - | ·04 | ·33 | | 8 |
| 9 | ·13 | ·01 | - | - | - | - | ·40 | ·03 | ·04 | ·48 | ·01 | ·13 | | 9 |
| 10 | ·32 | - | ·01 | - | - | ·22 | - | ·03 | ·13 | ·02 | - | - | | 10 |
| 11 | ·71 | - | ·29 | - | ·02 | ·21 | - | ·05 | ·01 | ·01 | ·02 | ·03 | | 11 |
| 12 | - | ·01 | - | - | ·02 | ·03 | ·02 | - | - | 1·78 | ·01 | ·01 | | 12 |
| 13 | ·02 | - | ·04 | ·08 | ·09 | ·01 | ·01 | - | ·05 | ·08 | ·01 | - | | 13 |
| 14 | ·39 | - | ·03 | ·02 | ·19 | ·31 | ·11 | - | ·02 | ·50 | ·28 | ·01 | | 14 |
| 15 | ·13 | - | - | - | ·05 | ·35 | ·17 | - | ·01 | ·13 | ·01 | ·02 | | 15 |
| 16 | ·04 | - | ·05 | - | ·57 | - | ·03 | - | - | ·01 | ·01 | - | | 16 |
| 17 | ·17 | - | - | ·08 | ·08 | - | ·05 | - | ·02 | - | ·01 | - | | 17 |
| 18 | ·58 | ·03 | ·04 | - | ·02 | ·40 | ·15 | ·01 | ·04 | ·11 | ·79 | - | | 18 |
| 19 | ·14 | - | ·02 | - | - | ·25 | - | - | ·04 | - | - | ·05 | | 19 |
| 20 | - | - | - | - | ·01 | ·05 | ·02 | ·03 | ·06 | - | - | ·05 | | 20 |
| 21 | ·09 | ·07 | ·01 | ·08 | ·01 | ·01 | ·01 | ·01 | ·02 | - | - | - | | 21 |
| 22 | ·25 | ·06 | ·01 | ·01 | - | - | ·02 | - | ·05 | - | ·01 | ·02 | | 22 |
| 23 | ·03 | ·01 | ·12 | ·18 | - | ·11 | ·04 | - | ·02 | - | ·01 | ·01 | | 23 |
| 24 | - | ·01 | ·03 | ·38 | ·06 | ·02 | - | ·08 | - | ·03 | ·01 | - | | 24 |
| 25 | ·30 | - | ·08 | ·02 | - | ·01 | - | ·01 | - | ·01 | ·02 | ·08 | | 25 |
| 26 | ·05 | - | ·11 | - | - | ·05 | - | ·01 | ·06 | ·57 | - | ·01 | | 26 |
| 27 | ·14 | ·17 | ·84 | ·01 | - | ·04 | ·04 | ·02 | - | ·23 | - | - | | 27 |
| 28 | ·38 | ·16 | ·71 | ·09 | - | ·10 | ·15 | ·01 | - | ·01 | ·21 | ·10 | | 28 |
| 29 | - | × | ·02 | - | - | - | ·26 | - | - | ·75 | - | ·01 | | 29 |
| 30 | ·04 | × | - | ·02 | - | ·25 | ·06 | - | - | ·07 | ·12 | - | | 30 |
| 31 | - | × | - | × | - | × | ·07 | - | × | ·07 | × | - | | 31 |
| TOTAL | 4·62 | ·59 | 2·67 | 1·57 | 1·67 | 2·42 | 2·12 | 1·70 | 1·29 | 5·61 | 2·45 | 1·12 | Year's Total<br>27·83 | |
| * Days with .01 in. or more. | 24 | 11 | 21 | 16 | 15 | 17 | 24 | 16 | 16 | 23 | 22 | 19 | 224 | |
| * Days with .04 in. or more. | 21 | 5 | 10 | 10 | 8 | 12 | 15 | 6 | 9 | 15 | 9 | 9 | 129 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) f. R. Bradshaw. H. ~~Ett~~

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3526 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Hurworth Burn Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10"x10" in. SQUARE

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 357 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·09 | - | ·03 | ·02 | - | - | - | - | - | ·03 | - | | 1 |
| 2 | ·01 | ·02 | - | ·06 | - | - | ·01 | - | - | - | ·07 | ·07 | | 2 |
| 3 | ·04 | ·05 | ·01 | ·05 | - | - | ·02 | - | - | ·03 | ·02 | ·03 | | 3 |
| 4 | - | ·18 | - | ·05 | - | - | ·19 | - | - | ·03 | ·22 | ·04 | | 4 |
| 5 | - | ·01 | - | - | ·21 | - | ·04 | ·03 | - | ·03 | ·05 | ·12 | | 5 |
| 6 | ·06 | ·02 | - | - | - | - | ·04 | - | - | ·59 | ·07 | ·10 | | 6 |
| 7 | ·03 | ·30 | - | ·05 | - | - | - | ·06 | ·07 | ·07 | - | ·06 | | 7 |
| 8 | - | ·01 | ·01 | - | - | ·18 | ·09 | ·12 | ·05 | ·11 | ·02 | ·09 | | 8 |
| 9 | - | - | ·31 | - | - | - | ·44 | ·01 | - | ·02 | ·42 | ·08 | | 9 |
| 10 | - | - | ·05 | - | - | ·39 | 1·06 | ·15 | ·01 | - | ·07 | - | | 10 |
| 11 | - | ·15 x | ·09 | - | - | ·02 | ·67 | - | ·02 | - | ·13 | ·01 | | 11 |
| 12 | - | ·02 x | ·72 | - | - | - | - | - | ·12 | - | - | [illegible] | | 12 |
| 13 | - | ·18 | ·28 | - | - | - | ·02 | - | ·20 | ·03 | ·07 | ·01 | | 13 |
| 14 | - | ·01 | ·01 | ·01 | ·06 | - | ·28 | - | ·03 | ·02 | ·01 | ·17 | | 14 |
| 15 | ·08 | - | ·01 | - | ·21 | ·05 | - | - | - | ·01 | ·09 | ·01 | | 15 |
| 16 | ·16 x | - | - | - | - | ·01 | ·55 | - | ·69 | ·39 | ·05 | - | | 16 |
| 17 | - | - | ·16 | - | - | - | 1·39 | - | - | ·24 | ·58 | - | | 17 |
| 18 | - | ·13 x | ·05 | ·40 | - | - | ·15 | ·26 | ·04 | - | ·70 | ·13 | | 18 |
| 19 | - | ·04 | - | ·14 | - | ·02 | ·15 | ·01 | - | ·01 | ·13 | ·14 | | 19 |
| 20 | - | ·03 | - | ·11 | - | - | ·20 | ·41 | ·06 | ·01 | ·03 | - | | 20 |
| 21 | ·34 x | ·01 | ·10 | ·03 | - | ·31 | ·05 | ·04 | - | ·12 | ·54 | - | | 21 |
| 22 | ·22 x | ·01 | ·02 | - | ·10 | ·12 | ·03 | ·05 | ·12 | ·44 | - | - | | 22 |
| 23 | - | ·06 | ·02 | ·21 | ·02 | - | ·06 | ·01 | - | ·08 | ·07 | ·03 | | 23 |
| 24 | ·09 x | ·02 | - | ·08 | ·07 | - | - | - | ·02 | ·14 | ·01 | ·19 | | 24 |
| 25 | ·02 x | - | ·01 | - | ·04 | - | ·19 | - | - | ·01 | - | ·01 | | 25 |
| 26 | ·30 x | ·01 | - | - | ·12 | - | ·12 | ·10 | ·04 | ·04 | - | - | | 26 |
| 27 | - | ·05 | - | ·05 | - | - | - | - | - | ·09 | - | ·01 | | 27 |
| ·86 x 28 | ·01 x | 1·11 | - | ·01 | ·11 | - | - | ·05 | ·05 | ·01 | ·02 | ·01 | | 28 |
| 29 | ·02 x | - | ·24 | ·01 | ·01 | ·08 | ·07 | - | ·02 | - | ·02 | ·19 | | 29 |
| 30 | ·10 x | ✕ | - | - | - | - | - | - | - | ·21 | ·01 | ·65 | | 30 |
| 31 | ·41 x | ✕ | ·03 | ✕ | - | ✕ | - | - | ✕ | ·27 | ✕ | ·52 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·89 | 2·51 | 2·12 | 1·29 | ·97 | 1·18 | 5·82 | 1·30 | 1·54 | 3·00 | 3·43 | 2·67 | 27·72 | ✓ |
| * Days with .01 in. or more. | 15 | 22 | 17 | 15 | 11 | 9 | 22 | 13 | 15 | 24 | 24 | 22 | 209 | ✓ |
| * Days with .04 in. or more. | 10 | 11 | 9 | 10 | 8 | 6 | 18 | 9 | 10 | 13 | 15 | 14 | 133 | ✓ |

X SNOW.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) J. R. Bradshaw per pro. EW

P.T.O.

3527

Section **A** for the entry of D

AIR MINISTRY.-

Y FOR OFFICIAL USE.

RGANIZATION.

FORM 1090.

## REGIST

3527

HARTLE POOL, HART RESEVOIR

1931 — 40

780701

*Kept at* Hart Reservoi

*in the County of* Durha

No.

~~Diameter of~~ Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

**THE MORNING MEASUR**

*An observer who does not conform to th* *wing*
*year in the space on the right of this*

P

Jan. 1, following

| Date | Jan. | Feb. | March | A |  |  |  |  |  |  | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. |  |
| 1 |  |  | ·13 |  |  | ·03 |  | ·01 | ·29 |  |  | ·01 | 1 |
| 2 |  | ·10 |  | ·70 |  | ·70 |  |  | ·59 | ·01 |  | ·12 | 2 |
| 3 | ·05 |  |  | ·08 |  | ·08 | ·10 |  | ·67 |  | ·12 | ·08 | 3 |
| 4 | ·21 | ·05 |  |  |  |  | ·08 |  | 1·48 |  | ·04 |  | 4 |
| 5 |  |  |  |  | ·03 | ·39 | ·05 | ·22 | ·02 |  |  | ·17 | 5 |
| 6 |  | ·07 | ·15 |  |  | ·36 | ·32 | ·10 | ·01 | ·08 |  |  | 6 |
| 7 |  |  | ·04 |  | ·04 | ·03 |  | ·16 |  |  | ·03 |  | 7 |
| 8 | ·09 |  | ·13 | ·04 | ·15 | ·06 | ·51 | ·25 |  |  | ·07 |  | 8 |
| 9 |  | ·07 | ·18 | ·15 | ·03 | ·05 |  | ·06 |  |  | ·36 | ·05 | 9 |
| 10 | ·01 |  | ·26 |  | ·04 | ·06 | ·05 | ·08 |  |  | ·10 |  | 10 |
| 11 | ·02 | ·14 |  |  |  | ·01 | ·01 |  | ·01 |  | ·03 |  | 11 |
| 12 | ·04 |  |  |  |  |  | ·38 | ·01 | ·02 | ·26 |  |  | 12 |
| 13 | ·14 |  | ·16 |  | ·01 |  | ·05 | ·02 |  |  |  |  | 13 |
| 14 | ·03 | ·08 | ·02 | ·01 |  | ·53 | ·04 | ·74 |  |  | ·05 | ·02 | 14 |
| 15 |  | ·05 |  | ·18 | ·16 |  | ·22 | ·04 |  |  | ·08 | ·03 | 15 |
| 16 |  | ·15 |  | ·08 |  | ·10 | ·02 | ·35 | ·12 |  |  |  | 16 |
| 17 |  | ·09 |  | ·45 |  | ·24 | ·07 | ·04 |  | ·02 |  |  | 17 |
| 18 | ·20 | ·07 |  | ·21 |  | ·16 | ·13 |  |  |  | ·55 |  | 18 |
| 19 | ·02 | ·04 |  | ·01 |  | ·13 | ·10 | ·30 | ·05 | ·05 |  |  | 19 |
| 20 |  | ·02 |  |  |  | ·01 |  |  | ·03 |  | ·02 | ·02 | 20 |
| 21 | ·01 |  |  | ·03 |  |  |  | ·02 | ·07 |  |  |  | 21 |
| 22 | ·05 | ·04 | ·01 | ·15 | ·13 | ·01 | ·02 |  | ·02 |  |  |  | 22 |
| 23 | ·14 | ·05 |  | ·04 | ·14 | ·28 | ·10 |  | ·09 | ·09 | ·21 | ·06 | 23 |
| 24 |  |  |  | ·08 | ·35 |  | ·08 | ·05 | ·07 | ·07 | ·01 |  | 24 |
| 25 |  |  |  | ·08 |  |  | ·29 |  |  |  | ·02 |  | 25 |
| 26 |  |  |  | ·09 |  |  | ·03 |  |  |  | ·18 |  | 26 |
| 27 | ·05 |  |  | ·26 |  |  | ·03 |  |  | ·03 | ·10 |  | 27 |
| 28 | ·14 | ·01 |  | ·18 | ·58 |  |  |  | ·01 |  |  | ·05 | 28 |
| 29 | ·31 |  | ·01 |  | ·17 |  | ·25 |  |  | ·53 | ·02 | ·22 | 29 |
| 30 | ·08 | × |  |  | ·55 |  | ·01 |  |  | ·01 |  |  | 30 |
| 31 | ·13 | × |  | × | ·01 | × | ·03 |  | × | ·03 | × |  | 31 |
| TOTAL | 1·72 | 1·03 | 1·09 | 2·82 | 2·39 | 3·23 | 2·97 | 2·45 | 3·55 | 1·18 | 1·99 | ·83 | YEAR'S TOTAL 25·25 |
| *Days with ·01 in. or more. | 18 | 15 | 10 | 18 | 14 | 18 | 24 | 16 | 16 | 11 | 17 | 11 | 188 |
| *Days with ·04 in. or more. | 13 | 13 | 7 | 15 | 10 | 13 | 17 | 12 | 9 | 6 | 11 | 7 | 133 |

40-9999

M

*See Instruction 2 (*f*) on other side.

(Signed) for J R Bradshaw
J.F.S.

P.T.O.

3527

Section **A** for the entry of D Y FOR OFFICIAL USE.

AIR MINISTRY.- BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931 .

*Kept at* Hart Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. sq. (Casella) ×

Height of top of Gauge above Ground ~~ft.~~ 12 in.

,, Ground ,, Sea Level 172.0 ft.

? WD No.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·13 | | | ·03 | | ·01 | ·29 | | | ·01 | 1 |
| 2 | | ·10 | | ·70 | | ·70 | | | ·59 | ·01 | | ·12 | 2 |
| 3 | ·05 | | | ·08 | | ·08 | ·10 | | ·67 | | ·12 | ·08 | 3 |
| 4 | ·21 | ·05 | | | | | ·08 | | 1·48 | | ·04 | | 4 |
| 5 | | | | | ·03 | ·39 | ·05 | ·22 | ·02 | | | ·17 | 5 |
| 6 | | ·07 | ·15 | | | ·36 | ·32 | ·10 | ·01 | ·08 | | | 6 |
| 7 | | | ·04 | | ·04 | ·03 | | ·16 | | | ·03 | | 7 |
| 8 | ·09 | | ·13 | ·04 | ·15 | ·06 | ·51 | ·25 | | | ·07 | | 8 |
| 9 | | ·07 | ·18 | ·15 | ·03 | ·05 | | ·06 | | | ·36 | ·05 | 9 |
| 10 | ·01 | | ·26 | | ·04 | ·06 | ·05 | ·08 | | | ·10 | | 10 |
| 11 | ·02 | ·14 | | | | ·01 | ·01 | | ·01 | | ·03 | | 11 |
| 12 | ·04 | | | | | | ·38 | ·01 | ·02 | ·26 | | | 12 |
| 13 | ·14 | | ·16 | | ·01 | | ·05 | ·02 | | | | | 13 |
| 14 | ·03 | ·08 | ·02 | ·01 | | ·53 | ·04 | ·74 | | | ·05 | ·02 | 14 |
| 15 | | ·05 | | ·18 | ·16 | | ·22 | ·04 | | | ·08 | ·03 | 15 |
| 16 | | ·15 | | ·08 | | ·10 | ·02 | ·35 | ·12 | | | | 16 |
| 17 | | ·09 | | ·45 | | ·24 | ·07 | ·04 | | ·02 | | | 17 |
| 18 | ·20 | ·07 | | ·21 | | ·16 | ·13 | | | | ·55 | | 18 |
| 19 | ·02 | ·04 | | ·01 | | ·13 | ·10 | ·30 | ·05 | ·05 | | | 19 |
| 20 | | ·02 | | | | ·01 | | | ·03 | | ·02 | ·02 | 20 |
| 21 | ·01 | | | ·03 | | | | ·02 | ·07 | | | | 21 |
| 22 | ·05 | ·04 | ·01 | ·15 | ·13 | ·01 | ·02 | | ·02 | | | | 22 |
| 23 | ·14 | ·05 | | ·04 | ·14 | ·28 | ·10 | | ·09 | ·09 | ·21 | ·06 | 23 |
| 24 | | | | ·08 | ·35 | | ·08 | ·05 | ·07 | ·07 | ·01 | | 24 |
| 25 | | | | ·08 | | | ·29 | | | | ·02 | | 25 |
| 26 | | | | ·09 | | | ·03 | | | | ·18 | | 26 |
| 27 | ·05 | | | ·26 | | | ·03 | | | ·03 | ·10 | | 27 |
| 28 | ·14 | ·01 | | ·18 | ·58 | | | | ·01 | | | ·05 | 28 |
| 29 | ·31 | | ·01 | | ·17 | | ·25 | | | ·53 | ·02 | ·22 | 29 |
| 30 | ·08 | × | | | ·55 | | ·01 | | | ·01 | | | 30 |
| 31 | ·13 | × | | × | ·01 | × | ·03 | | × | ·03 | × | | 31 |
| TOTAL | 1·72 | 1·03 | 1·09 | 2·82 | 2·39 | 3·23 | 2·97 | 2·45 | 3·55 | 1·18 | 1·99 | ·83 | YEAR'S TOTAL<br>25·25 |
| *Days with ·01 in. or more. | 18 | 15 | 10 | 18 | 14 | 18 | 24 | 16 | 16 | 11 | 17 | 11 | 188 |
| *Days with ·04 in. or more. | 13 | 13 | 7 | 15 | 10 | 13 | 17 | 12 | 9 | 6 | 11 | 7 | 133 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(Signed) for J R Bradshaw

P.T.O.

J.J.J.

3527

Non-cond. in Obs.

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Hartlepool, Hart Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

" Ground " Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·02 | | ·05 | ·35 | ·01 | ·01 | | ·07 | ·14 | ·06 | | 1 |
| 2 | | | | | ·75 | | ·01 | | ·20 | ·06 | ·02 | ·03 | 2 |
| 3 | | ·01 | | ·01 | ·01 | | ·02 | | | ·02 | ·01 | ·08 | 3 |
| 4 | ·02 | ·02 | | | ·02 | ·07 | ·04 | ·11 | ·01 | | | | 4 |
| 5 | ·07 | ·02 | ·05 | | ·09 | | | | ·06 | | | ·09 | 5 |
| 6 | ·22 | | | ·03 | ·01 | | | | | | | ·07 | 6 |
| 7 | | | ·11 | ·01 | ·07 | ·03 | ·04 | | ·12 | ·12 | ·02 | | 7 |
| 8 | | ·06 | ·08 | ·04 | ·03 | | | | ·14 | ·03 | ·11 | | 8 |
| 9 | ·10 | ·11 | | ·03 | | | | | ·01 | ·07 | ·03 | ·14 | 9 |
| 10 | ·10 | ·07 | ·09 | ·05 | ·01 | | | | ·08 | ·24 | | ·08 | 10 |
| 11 | | ·12 | ·01 | ·05 | ·31 | ·06 | ·22 | | ·01 | | ·01 | | 11 |
| 12 | ·12 | ·10 | | | ·06 | | ·01 | | | ·07 | ·01 | | 12 |
| 13 | | ·23 | | ·01 | ·06 | | ·04 | ·01 | ·42 | | ·01 | ·04 | 13 |
| 14 | ·06 | ·04 | ·01 | ·01 | | | ·05 | ·01 | | | ·02 | | 14 |
| 15 | | | | | ·06 | | | | | ·02 | ·08 | ·04 | 15 |
| 16 | ·12 | | ·02 | | ·06 | | | | | ·03 | ·07 | ·03 | 16 |
| 17 | | | ·04 | | ·01 | | ·05 | | | ·07 | ·03 | | 17 |
| 18 | | | | | ·03 | | | ·01 | | | ·01 | | 18 |
| 19 | | ·01 | ·01 | ·06 | ·04 | | ·02 | ·02 | ·01 | ·19 | | | 19 |
| 20 | | | ·11 | ·05 | ·13 | | ·06 | ·43 | | ·10 | | ·01 | 20 |
| 21 | | | ·56 | ·01 | 1·76 | | ·04 | ·65 | | ·48 | | ·02 | 21 |
| 22 | | | ·54 | ·05 | ·12 | ·02 | ·10 | | | ·03 | ·09 | | 22 |
| 23 | | ·05 | | ·08 | ·01 | | ·04 | | ·20 | | ·02 | | 23 |
| 24 | ·01 | ·03 | | | ·05 | | ·38 | | ·03 | | | | 24 |
| 25 | | ·04 | | ·06 | ·04 | | | ·07 | | ·16 | ·01 | | 25 |
| 26 | | ·01 | | | ·26 | | ·22 | | ·06 | | | | 26 |
| 27 | | | ·45 | ·17 | ·17 | ·71 | ·13 | | ·07 | ·22 | ·03 | ·02 | 27 |
| 28 | | | ·01 | ·05 | ·45 | ·30 | | ·23 | | ·07 | ·01 | ·01 | 28 |
| 29 | ·03 | | ·10 | ·02 | ·01 | | ·26 | ·76 | ·02 | ·20 | ·07 | ·08 | 29 |
| 30 | | ✕ | ·06 | ·01 | ·01 | ·21 | ·01 | ·15 | ·32 | ·05 | ·26 | ·14 | 30 |
| 31 | | ✕ | ·02 | ✕ | | ✕ | ·60 | | ✕ | | ✕ | ·01 | 31 |
| TOTAL | ·86 | ·94 | 2·27<br>~~2·76~~ | ·85 | 4·98 | 1·41 | 2·35 | 2·45<br>~~2·35~~ | 1·83 | 2·37 | ·98<br>~~1·08~~ | ·89 | YEAR'S TOTAL<br>23·18 |
| *Days with ·01 in. or more. | 11 | 16 | 17 | 20 | 28 | 8 | 21 | 11 | 17 | 20 | 21 | 16 | 206 |
| *Days with ·04 in. or more. | 7 | 9 | 11 | 11 | 18 | 5 | 15 | 7 | 11 | 15 | 7 | 9 | 125 |

40-9999

(Signed) ........................ [P.T.O.

*See Instruction 2 (*f*) on other side.

H

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations.

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Hart Reservoirs

*in the County of* Durham

Diameter of Funnel of Gauge 10"×10" Square in.

Height of top of Gauge above Ground 1 ft 0 in.

" Ground " Sea Level 172 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·02 | | ·05 | ·35 | ·01 | ·01 | | ·07 | ·14 | ·06 | | 1 |
| 2 | | | | | ·75 | | ·01 | | ·20 | ·06 | ·02 | ·03 | 2 |
| 3 | | ·01 | | ·01 | ·01 | | ·02 | | | ·02 | ·01 | ·08 | 3 |
| 4 | ·02 | ·02 | | | ·02 | ·07 | ·04 | ·11 | ·01 | | | | 4 |
| 5 | ·07 | ·02 | ·05 | | ·09 | | | | ·06 | | | ·09 | 5 |
| 6 | ·22 | | | ·03 | ·01 | | | | | | | ·07 | 6 |
| 7 | | | ·01 | ·01 | ·07 | ·03 | ·04 | | ·12 | ·12 | ·02 | | 7 |
| 8 | | ·06 | ·08 | ·04 | ·03 | | | | ·14 | ·03 | ·11 | | 8 |
| 9 | ·10 | ·11 | | ·03 | | | | | ·01 | ·07 | ·03 | ·14 | 9 |
| 10 | ·10 | ·07 | ·09 | ·05 | ·01 | ~~06~~ | | | ·08 | ·24 | | ·08 | 10 |
| 11 | | ·12 | ·01 | ·05 | ·31 | ·06 | ·22 | | ·01 | | ·01 | | 11 |
| 12 | ·12 | ·10 | | | ·06 | | ·01 | | | ·07 | ·01 | | 12 |
| 13 | | ·23 | | ·01 | ·06 | | ·04 | ·01 | ·42 | | ·01 | ·04 | 13 |
| 14 | ·06 | ·04 | ·01 | ·01 | | | ·05 | ·01 | | | ·02 | | 14 |
| 15 | | | | | ·06 | | | | | ·02 | ·08 | ·04 | 15 |
| 16 | ·12 | | ·02 | | ·06 | | | | | ·03 | ·07 | ·03 | 16 |
| 17 | | | ·04 | | ·01 | | 05 | | | ·07 | ·03 | | 17 |
| 18 | | | | | ·03 | | | ·01 | | | ·01 | | 18 |
| 19 | | ·01 | ·01 | ·06 | ·04 | | ·02 | ·02 | ·01 | ·19 | | | 19 |
| 20 | | | ·11 | ·05 | ·13 | | ·06 | ·43 | | ·10 | | ·01 | 20 |
| 21 | | | ·56 | ·01 | 1·76 | | ·04 | ·65 | | ·48 | | ·02 | 21 |
| 22 | | | ·54 | ·05 | ·12 | ·02 | ·10 | | | ·03 | ·09 | | 22 |
| 23 | | ·05 | | ·08 | ·01 | | ·04 | | ·20 | | ·02 | | 23 |
| 24 | ·01 | ·03 | | | ·05 | | ·38 | | ·03 | | | | 24 |
| 25 | | ·04 | | ·06 | ·04 | | | ·07 | | ·16 | ·01 | | 25 |
| 26 | | ·01 | | | ·26 | | ·22 | | ·06 | | | | 26 |
| 27 | | | ·45 | ·17 | ·17 | ·71 | ·13 | | ·07 | ·22 | ·03 | ·02 | 27 |
| 28 | | | ·01 | ·05 | ·45 | ·30 | | ·23 | | ·07 | ·01 | ·01 | 28 |
| 29 | ·03 | | ·10 | ·02 | ·01 | | ·26 | ·76 | ·02 | ·20 | ·07 | ·08 | 29 |
| 30 | | × | ·06 | ·01 | ·01 | ·21 | ·01 | ·05 | ·32 | ·05 | ·26 | ·14 | 30 |
| 31 | | × | ·02 | × | | × | ·60 | | × | | × | ·01 | 31 |
| TOTAL | ·86 | ·94 | 2·27 | ·85 | 4·98 | 1·41 | 2·35 | 2·35 | 1·83 | 2·37 | ·98 | ·89 | YEAR'S TOTAL 22·08 |
| *Days with ·01 in. or more. | 11 | 16 | 17 | 20 | 28 | 8 | 21 | 11 | 17 | 20 | 21 | 16 | 206 |
| *Days with .04 in. or more. | 7 | 9 | 11 | 11 | 18 | 5 | 15 | 7 | 11 | 15 | 7 | 9 | 125 |

40-9999

*See Instruction 2 (A) on other side,

M

(Signed) for J. R. Bradshaw

[P.T.O.

## COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

H *Kept at* HART RESERVOIRS

*in the County of* DURHAM

SQUARE ~~Diameter~~ of Funnel of Gauge 10"×10" in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 172.0 ft.

~~Days~~

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·01 | ·01 | ·14 | | | | | | | | ·16 | | | 1 |
| 2 | ·07 | | ·17 | | | | | | | | ·73 | ·01 | | 2 |
| 3 | | ·04 | ·28 | | ·16 | | | | | | ·26 | | | 3 |
| 4 | ·11 | ·01 | ·14 | | ·01 | | | | ·01 | | ·61 | | | 4 |
| 5 | ·01 | | ·03 | ·01 | ·08 | | | | | | ·01 | | | 5 |
| 6 | | ·02 | | | ·12 | | | | ·01 | ·01 | ·02 | ·05 | | 6 |
| 7 | | ·05 | | | ·25 | | | | ·03 | ·18 | | | | 7 |
| 8 | ·03 | ·01 | ·06 | ·01 | | ·03 | ·06 | | | | | ·03 | | 8 |
| 9 | | ·20 | | | | | ·10 | | | ·13 | ·04 | ·05 | | 9 |
| 10 | ·02 | ·15 | | | | ·10 | ·05 | | | ·41 | ·09 | ·08 | | 10 |
| 11 | ·04 | | ·01 | | ·05 | | ·02 | | | ·01 | ·12 | | | 11 |
| 12 | ·02 | | | | | ·40 | ·01 | | | | | ·09 | | 12 |
| 13 | | | ·02 | | ·07 | | ·08 | ·03 | ·01 | | ·05 | | | 13 |
| 14 | ·02 | | | | ·02 | | ·28 | | | | ·01 | ·05 | | 14 |
| 15 | ·44 | | ·01 | | | | ·32 | | | ·27 | ·06 | ·12 | | 15 |
| 16 | ·78 | | ·02 | ·02 | ·19 | ·02 | ·01 | ·01 | | | ·09 | ·02 | | 16 |
| 17 | ·68 | ·28 | ·07 | ·06 | | ·14 | | | ·02 | ·02 | ·14 | | | 17 |
| 18 | | ·24 | ·02 | ·04 | | ·23 | | ·01 | | | ·13 | ·01 | | 18 |
| 19 | ·01 | | ·36 | ·04 | | | ·28 | ·02 | | | ·06 | | | 19 |
| 20 | | ·07 | | ·02 | | ·02 | | | ·39 | ·09 | ·01 | | | 20 |
| 21 | | ·02 | | ·01 | | ·01 | | | ·04 | ·01 | ·03 | | | 21 |
| 22 | | ·15 | | | | | | ·01 | ·01 | 1·18 | ·01 | ·01 | | 22 |
| 23 | | ·26 | | ·01 | ·15 | ·04 | ~~·02~~ | ·04 | ·31 | ·02 | ·03 | | | 23 |
| 24 | | ·27 | | ·14 | ·44 | ·12 | ·02 | | ·24 | ·02 | ·04 | ·03 | | 24 |
| 25 | ·01 | ·12 | | ·23 | | | | | ·80 | ·40 | ·01 | ·01 | | 25 |
| 26 | ·01 | ·29 | | ·08 | ·04 | | | | | ·20 | ·15 | ·16 | | 26 |
| 27 | ·02 | ·01 | | | | | ·02 | | ·01 | ·40 | ·19 | ·01 | | 27 |
| 28 | ·02 | | | ·01 | | | | ·01 | ·03 | ·27 | ·01 | ·07 | | 28 |
| 29 | | | | ·21 | ·01 | | ·29 | | | ·20 | | ·02 | | 29 |
| 30 | ·04 | × | ·04 | | | | ·06 | | ·05 | ·01 | | ·28 | | 30 |
| 31 | ·01 | × | ·03 | × | | × | ·01 | ·07 | × | | × | ·01 | | 31 |
| TOTAL | 2·35 | 2·20 | 1·40 | ·89 | 1·59 | 1·11 | 1·61 | ·20 | 1·96 | 3·83 | 3·06 | 1·11 | Year's Total<br>21·31 | |
| *Days with ·01 in. or more. | 19 | 18 | 15 | 14 | 13 | 10 | 15 | 8 | 14 | 18 | 25 | 19 | 188 | |
| *Days with ·04 in. or more. | 7 | 12 | 8 | 7 | 10 | 6 | 9 | 2 | 6 | 11 | 16 | 9 | 103 | |

† Spare column, no entries required.

(Signed) for J. R. Bradshaw

HARTLEPOOL GAS & WATER CO.

P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

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3527

**Section A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR. MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

Kept at Hartlepool, Hart Reservoir

in the County of Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Nov. 2nd see card with Hurworth Burn, W. Hartlepool & Crookfoot Res. ·73 not ·13 makes total correct

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | ·01 | ·14 | | | | | | | | ·16 | | 1 |
| 2 | ·07 | | ·17 | | | | | | | | ·73 ~~·13~~ | ·01 | 2 |
| 3 | | ·04 | ·28 | | ·16 | | | | | | ·26 | | 3 |
| 4 | ·11 | ·01 | ·14 | | ·01 | | | | ·01 | | ·61 | | 4 |
| 5 | ·01 | | ·03 | ·01 | ·08 | | | | | | ·01 | | 5 |
| 6 | | ·02 | | | ·12 | | | | ·01 | ·01 | ·02 | ·05 | 6 |
| 7 | | ·05 | | | ·25 | | | | ·03 | ·18 | | | 7 |
| 8 | ·03 | ·01 | ·06 | ·01 | | ·03 | ·06 | | | | | ·03 | 8 |
| 9 | | ·20 | | | | | ·10 | | | ·13 | ·04 | ·05 | 9 |
| 10 | ·02 | ·15 | | | | ·10 | ·05 | | | ·41 | ·09 | ·08 | 10 |
| 11 | ·04 | | ·01 | | ·05 | | ·02 | | | ·01 | ·12 | | 11 |
| 12 | ·02 | | | | | ·40 | ·01 | | | | | ·09 | 12 |
| 13 | | | ·02 | | ·07 | | ·08 | ·03 | ·01 | | ·05 | | 13 |
| 14 | ·02 | | | | ·02 | | ·28 | | | | ·01 | ·05 | 14 |
| 15 | ·44 | | ·01 | | | | ·32 | | | ·27 | ·06 | ·12 | 15 |
| 16 | ·78 | | ·02 | ·02 | ·19 | ·02 | ·01 | ·01 | | | ·09 | ·02 | 16 |
| 17 | ·68 | ·28 | ·07 | ·06 | | ·14 | | | ·02 | ·02 | ·14 | | 17 |
| 18 | | ·24 | ·02 | ·04 | | ·23 | | ·01 | | | ·13 | ·01 | 18 |
| 19 | ·01 | | ·36 | ·04 | | | ·28 | ·02 | | | ·06 | | 19 |
| 20 | | ·07 | | ·02 | | ·02 | | | ·39 | ·09 | ·01 | | 20 |
| 21 | | ·02 | | ·01 | | ·01 | | | ·04 | ·01 | ·03 | | 21 |
| 22 | | ·15 | | | | | | ·01 | ·01 | 1·18 | ·01 | ·01 | 22 |
| 23 | | ·26 | | ·01 | ·15 | ·04 | | ·04 | ·31 | ·02 | ·03 | | 23 |
| 24 | | ·27 | | ·14 | ·44 | ·12 | ·02 | | ·24 | ·02 | ·04 | ·03 | 24 |
| 25 | ·01 | ·12 | | ·23 | | | | | ·80 | ·40 | ·01 | ·01 | 25 |
| 26 | ·01 | ·29 | | ·08 | ·04 | | | | | ·20 | ·15 | ·16 | 26 |
| 27 | ·02 | ·01 | | | | | ·02 | | ·01 | ·40 | ·19 | ·01 | 27 |
| 28 | ·02 | | | ·01 | | | | ·01 | ·03 | ·27 | ·01 | ·07 | 28 |
| 29 | | | | ·21 | ·01 | | ·29 | | | ·20 | | ·02 | 29 |
| 30 | ·04 | X | ·04 | | | | ·06 | | ·05 | ·01 | | ·28 | 30 |
| 31 | ·01 | X | ·03 | X | | X | ·01 | ·07 | X | | X | ·01 | 31 |
| TOTAL | 2·35 | 2·20 | 1·40 | ·89 | 1·59 | 1·11 | 1·61 | ·20 | 1·96 | 3·83 | 3·06 | 1·11 | YEAR'S TOTAL ✓ 21·31 |
| *Days with ·01 in. or more. | 19 | 18 | 15 | 14 | 13 | 10 | 15 | 8 | 14 | 18 | 25 | 19 | 188 |
| *Days with ·04 in. or more. | 7 | 12 | 8 | 7 | 10 | 6 | 9 | 2 | 6 | 11 | 16 | 9 | 103 |

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*See Instruction 2 (*f*) on other side.

M

(*Signed*) J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

Kept at HART RESERVOIR

in the County of DURHAM.

~~Diameter of~~ Funnel of Gauge 10 in. SQ

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 1720 ft.

Days

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·02 | | | | | | ·05 | ·14 | | | | ·01 | | 1 |
| 2 | | ·01 | | | | | | ·18 | ·07 | | ·08 | ·20 | | 2 |
| 3 | | ·01 | | ·02 | | | | | | ·14 | ·06 | ·04 | | 3 |
| 4 | ·01 | | | ·07 | | ·03 | | | ·01 | ·09 | ·05 | ·56 | | 4 |
| 5 | | | ·04 | ·02 | ·03 | | | ·04 | ·04 | | ·21 | ·34 | | 5 |
| 6 | | | | | ·15 | ·09 | | 1·47 | ·01 | ·03 | ·21 | ·20 | | 6 |
| 7 | ·01 | ·01 | ·01 | | | ·39 | | | ·01 | | ·01 | ·12 | | 7 |
| 8 | | | ·01 | | ·01 | ·01 | | ·01 | ·04 | ·04 | | ·06 | | 8 |
| 9 | | | | ·33 | | | | ·01 | | ·01 | ·46 | ·01 | | 9 |
| 10 | | | ·17 | ·08 | | | | ·25 | | | ·23 | ·01 | | 10 |
| 11 | ·04 | | ·30 | ·52 | | | | ·05 | | | ·07 | ·04 | | 11 |
| 12 | | | ·12 | ·21 | | | ·19 | ·06 | ·01 | | ·14 | ·08 | | 12 |
| 13 | ·20 | | ·01 | | | | ·52 | ·07 | ·01 | ·01 | ·18 | | | 13 |
| 14 | ·15 | | ·14 | | ·05 | | ·46 | | ·01 | | ·05 | ·16 | | 14 |
| 15 | | | ·03 | | ·12 | | | | ·03 | ·18 | ·01 | ·12 | | 15 |
| 16 | ·05 | | ·02 | | ·02 | ·08 | | | | ·07 | ·04 | | | 16 |
| 17 | ·02 | | ·02 | | | | ·24 | | ·13 | ·08 | ·01 | ·12 | | 17 |
| 18 | ·06 | | ·01 | | ·38 | ·15 | ·04 | ·04 | | | | ·09 | | 18 |
| 19 | | | ·04 | ·06 | ·02 | ·15 | | | ·02 | ·05 | | ·01 | | 19 |
| 20 | | | ·21 | | 01 | ·07 | | ·07 | | | | | | 20 |
| 21 | | | | | | ·34 | | | ·11 | ·01 | | | | 21 |
| 22 | | | | | | ·57 | | ·13 | ·10 | ·05 | | | | 22 |
| 23 | | | ·02 | ·16 | | | ·10 | | | ·11 | ·03 | ·10 | | 23 |
| 24 | | | | | ·01 | ·51 | 01 | | ·11 | 38 | | ·05 | | 24 |
| 25 | | | ·01 | ·06 | | | | | | ·08 | ·04 | ·37 | | 25 |
| 26 | ·04 | ·02 | | ·33 | | ·02 | | | ·04 | ·05 | | ·03 | | 26 |
| 27 | | ·59 | | ·03 | | ·08 | ·02 | | | ·16 | | ·04 | | 27 |
| 28 | | | | ·31 | | ·01 | | ·23 | | ·05 | | ·26 | | 28 |
| 29 | | | ·06 | | | | ·08 | ·03 | ·33 | ·16 | | ·14 | | 29 |
| 30 | 07 | × | ·01 | | | | ·16 | | ·01 | ·55 | | ·01 | | 30 |
| 31 | ·04 | × | | × | ·01 | × | ·01 | ·04 | × | ·04 | × | ·02 | | 31 |
| TOTAL | ·71 | ·64 | 1·23 | 2·20 | ·81 | 2·46 | 1·88 | 2·82 | 1·09 | 2·34 | 1·88 | 3·19 | Year's Total<br>21·25 | |
| *Days with ·01 in. or more. | 12 | 5 | 18 | 13 | 11 | 14 | 12 | 16 | 18 | 21 | 17 | 26 | 183 | |
| *Days with .04 in. or more. | 8 | 1 | 8 | 10 | 4 | 10 | 9 | 13 | 9 | 17 | 13 | 19 | 121 | |

40-9999

*See Instruction 2 (*f*) on other side. HARTLEPOOL GAS & WATER COMPANY M

† Spare column, no entries required.

(*Signed*) for J R Bradshaw [P.T.O.

S. F. S.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Hartlepool, Hart Res.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft. ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | | | | | | ·05 | ·14 | | | | ·01 | | 1 |
| 2 | | ·01 | | | | | | ·18 | ·07 | | ·08 | ·20 | | 2 |
| 3 | | ·01 | | ·02 | | | | | | ·14 | ·06 | ·04 | | 3 |
| 4 | ·01 | | | ·07 | | ·03 | | | ·01 | ·09 | ·05 | ·56 | | 4 |
| 5 | | | ·04 | ·02 | ·03 | | | ·04 | ·04 | | ·21 | ·34 | | 5 |
| 6 | | | | | ·15 | ·09 | | 1·47 | ·01 | ·03 | ·21 | ·20 | | 6 |
| 7 | ·01 | ·01 | ·01 | | | ·35 | | | ·01 | | ·01 | ·12 | | 7 |
| 8 | | | ·01 | | ·01 | ·01 | | ·01 | ·04 | ·04 | | ·06 | | 8 |
| 9 | | | | ·33 | | | | ·01 | | ·01 | ·46 | ·01 | | 9 |
| 10 | | | ·17 | ·08 | | | | ·25 | | | ·23 | ·01 | | 10 |
| 11 | ·04 | | ·30 | ·52 | | | | ·05 | | | ·07 | ·04 | | 11 |
| 12 | | | ·12 | ·21 | | | ·19 | ·06 | ·01 | | ·14 | ·08 | | 12 |
| 13 | ·20 | | ·01 | | | | ·52 | ·07 | ·01 | ·01 | ·18 | | | 13 |
| 14 | ·15 | | ·14 | | ·05 | | ·46 | | ·01 | | ·05 | ·16 | | 14 |
| 15 | | | ·03 | | ·12 | | | | ·03 | ·18 | ·01 | ·12 | | 15 |
| 16 | ·05 | | ·02 | | ·02 | ·08 | | | | ·07 | ·04 | | | 16 |
| 17 | ·02 | | ·02 | | | | ·24 | | ·13 | ·08 | ·01 | ·12 | | 17 |
| 18 | ·06 | | ·01 | | ·38 | ·15 | ·04 | ·04 | | | | ·09 | | 18 |
| 19 | | | ·04 | ·06 | ·02 | ·15 | | | ·02 | ·05 | | ·01 | | 19 |
| 20 | | | ·21 | | ·01 | ·07 | | ·07 | | | | | | 20 |
| 21 | | | | | | ·34 | | | ·11 | ·01 | | | | 21 |
| 22 | | | | | | ·57 | | ·13 | ·10 | ·05 | | | | 22 |
| 23 | | | ·02 | ·16 | | | ·10 | | | ·11 | ·03 | ·10 | | 23 |
| 24 | | | | | ·01 | ·51 | ·01 | | ·11 | ·38 | | ·05 | | 24 |
| 25 | | | ·01 | ·06 | | | | | | ·08 | ·04 | ·37 | | 25 |
| 26 | ·04 | ·02 | | ·33 | | ·02 | | | ·04 | ·05 | | ·03 | | 26 |
| 27 | | ·59 | | ·03 | | ·08 | ·02 | | | ·16 | | ·04 | | 27 |
| 28 | | | | ·31 | | ·01 | | ·23 | | ·05 | | ·26 | | 28 |
| 29 | | | ·06 | | | | ·08 | ·03 | ·33 | ·16 | | ·14 | | 29 |
| 30 | ·07 | X | ·01 | | | | ·16 | | ·01 | ·55 | | ·01 | | 30 |
| 31 | ·04 | X | | X | ·01 | X | ·01 | ·04 | X | ·04 | X | ·02 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | ·71 | ·64 | 1·23 | 2·20 | ·81 | 2·46 | 1·88 | 2·82 | 1·09 | 2·34 | 1·88 | 3·19 | 21·25 | |
| *Days with ·01 in. or more. | 12 | 5 | 18 | 13 | 11 | 14 | 12 | 16 | 18 | 21 | 17 | 26 | 183 | |
| *Days with .04 in. or more. | 8 | 1 | 8 | 10 | 4 | 10 | 9 | 13 | 9 | 17 | 13 | 19 | 121 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Hart Reservoir

*in the County of* Durham

~~Diameter~~ SQUARE of Funnel of Gauge 10" x 10" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 172 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·34 | | ·04 | ·24 | | | | | ·26 | ·24 | ·03 | ·10 | | 1 |
| 2 | | ·01 | | ·36 | | ·05 | | | | ·48 | | | | 2 |
| 3 | | ·50 | ·18 | ·12 | | ·16 | | | ·08 | | ·21 | | | 3 |
| 4 | | | | | ·01 | ·35 | | | | ·50 | ·12 | | | 4 |
| 5 | ·18 | ·34 | | ·01 | | ·12 | | | ·17 | ·42 | ·02 | | | 5 |
| 6 | ·11 | ·02 | | | | ·06 | | | | ·16 | | | | 6 |
| 7 | ·11 | | | ·13 | | ·22 | | | | ·11 | ·48 | ·06 | | 7 |
| 8 | ·04 | | ·01 | ·11 | | ·02 | | | | | ·02 | ·21 | | 8 |
| 9 | ·02 | | | ·19 | | ·07 | | | | ·37 | ·10 | | | 9 |
| 10 | | ·04 | | ·01 | | ·15 | | | | ·07 | ·13 | | | 10 |
| 11 | ·04 | | | ·01 | | ·01 | | ·22 | | | ·03 | ·04 | | 11 |
| 12 | | | | | | ·03 | | ·01 | | | | | | 12 |
| 13 | ·06 | | | ·15 | ·20 | ·04 | ·13 | | ·01 | | | ·01 | | 13 |
| 14 | | | | ·05 | ·04 | ·18 | ·09 | | ·09 | | ·23 | ·12 | | 14 |
| 15 | | ·01 | | ·42 | ·09 | ·04 | | | ·13 | ·04 | ·04 | ·09 | | 15 |
| 16 | | ·18 | ·10 | ·26 | ·18 | ·02 | ·02 | ·16 | ·12 | | ·18 | ·05 | | 16 |
| 17 | | | | ·12 | ·02 | ·08 | | | | ·01 | ·87 | ·22 | | 17 |
| 18 | ·04 | | | | | ·05 | ·08 | ·12 | ·03 | ·07 | ·35 | ·38 | | 18 |
| 19 | ·02 | ·06 | | ·04 | | ·25 | ·10 | | | | ·01 | ·22 | | 19 |
| 20 | | ·10 | | ·26 | | ·09 | ·02 | | | | ·05 | | | 20 |
| 21 | | ·08 | | ·32 | | | | | 1·69 | ·38 | ·04 | | | 21 |
| 22 | | ·36 | ·02 | | | | | | | | ·04 | | | 22 |
| 23 | ·04 | | ·04 | | | | | ·15 | | ·12 | ·10 | | | 23 |
| 24 | ·04 | ·32 | ·03 | ·01 | | ·01 | | ·01 | ·98 | | | ·21 | | 24 |
| 25 | ·12 | ·04 | | | | ·03 | | | | | | ·13 | | 25 |
| 26 | ·38 | | | | | ·01 | ·04 | ·73 | ·20 | ·16 | ·02 | ·25 | | 26 |
| 27 | ·04 | ·04 | | ·04 | | ·01 | ·01 | | ·15 | ·11 | ·08 | ·37 | | 27 |
| 28 | ·02 | ·06 | ·01 | | | | | | ·01 | ·23 | | | | 28 |
| 29 | | | ·19 | | | | | ·05 | ·04 | ·05 | ·06 | ·08 | | 29 |
| 30 | | ✕ | | | | ·29 | | ·02 | ·60 | ·21 | ·14 | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | ·20 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·60 | 2·16 | ·62 | 2·85 | ·54 | 2·34 | ·49 | 1·47 | 4·56 | 3·73 | 3·35 | 2·74 | 26·45 | |
| * Days with .01 in. or more. | 16 | 15 | 9 | 19 | 6 | 24 | 8 | 9 | 15 | 18 | 23 | 17 | 179 | |
| * Days with .04 in. or more. | 13 | 12 | 5 | 15 | 4 | 16 | 5 | 6 | 12 | 17 | 17 | 16 | 138 | |

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* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) for J. R. Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Hart Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. × 10 in. Square.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 172 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·12 | ·05 | ·05 | / | / | ·04 | ·04 | ·17 | ·14 | ·03 | ·01 | / | 1 |
| 2 | ·03 | / | ·05 | / | / | ·15 | ·30 | ·09 | / | / | ·10 | ·02 | 2 |
| 3 | / | ·08 | / | / | / | 1·20 | ·10 | / | ·34 | / | / | / | 3 |
| 4 | ·20 | / | ·02 | ·01 | ·01 | ·03 | / | ·25 | ·05 | ·03 | ·03 | ·04 | 4 |
| 5 | ·05 | / | / | ·01 | ·02 | ·01 | / | ·08 | / | / | ·04 ~~·04~~ | / | 5 |
| 6 | ·01 | / | / | ·04 | ·01 | / | ·02 | ·78 | ·58 | / | ·08 ~~·08~~ | / | 6 |
| 7 | ·17 | / | / | / | / | / | ·55 | / | ·04 | ·01 | / | ·04 | 7 |
| 8 | ·10 | / | ·08 | / | ·01 | / | / | / | / | ·06 | ·01 | ·02 | 8 |
| 9 | ·27 | / | ·38 | / | ·07 | ·01 | / | ·01 | / | ·17 | ·11 | / | 9 |
| 10 | ·05 | / | ·01 | ·01 | / | ·01 | ·13 | / | / | ·11 | ·01 ~~·01~~ | / | 10 |
| 11 | / | / | / | ·09 | / | / | ·27 | ·04 | ·01 | / | ·27 | / | 11 |
| 12 | / | / | ·01 | ·15 | ·08 | ·24 | ·03 | ·03 | ·15 | / | ·28 | ·04 | 12 |
| 13 | / | / | / | ·21 | / | ·12 | ·08 | / | / | ·05 | ·02 | ·13 | 13 |
| 14 | / | / | / | ·06 | / | ·16 | ·03 | ·07 | / | / | / | ·70 | 14 |
| 15 | ·02 | / | / | ·11 | / | ·01 | ·41 | ·05 | / | / | ·13 | ·02 | 15 |
| 16 | ·07 | / | / | ·01 | / | ·03 | ·01 | / | / | / | ·29 | ·01 | 16 |
| 17 | ·03 | ·16 | / | / | ·11 | / | ·20 | / | / | ·08 | ·22 | / | 17 |
| 18 | / | ·11 | / | ·07 | / | ·01 | / | ·04 | / | ·03 | / | / | 18 |
| 19 | ·46 | ·22 | / | / | / | / | ·15 | ·02 | / | ·04 | / | / | 19 |
| 20 | ·07 | ·10 | / | / | ·05 | / | ·15 | / | / | / | / | / | 20 |
| 21 | ·03 | / | ·03 | ·03 | / | / | ·01 | / | / | / | / | ·02 | 21 |
| 22 | / | ·20 | ·05 | / | ·05 | ·11 | / | / | / | / | / | / | 22 |
| 23 | / | / | / | ·10 | ·08 | / | ·73 | / | / | / | / | / | 23 |
| 24 | ·02 | ·06 | ·01 | ·02 | ·83 | / | / | / | ·19 | ·11 | / | / | 24 |
| 25 | ·37 | / | ·05 | / | ·01 | / | ·01 | / | ·59 | / | ·01 | / | 25 |
| 26 | ·01 | ·05 | ·22 | / | / | / | ·04 | / | ·07 | ·17 | ·02 | / | 26 |
| 27 | ·07 | ·01 | ·02 | / | ·01 | / | / | ·01 | ·09 | ·08 | ·07 | / | 27 |
| 28 | ·27 | ·40 | / | / | / | / | ·05 | / | / | / | ·03 | / | 28 |
| 29 | ·67 | ·33 | ·06 | / | ·20 | 1·20 | ·04 | / | / | ·03 | ·18 | / | 29 |
| 30 | ·01 | × | / | / | ·02 | ·11 | ·27 | / | ·02 | ·23 | / | / | 30 |
| 31 | / | × | ·02 | × | ·03 | × | / | / | × | / | × | ·02 | 31 |
| TOTAL | 3·10 | 1·77 | 1·06 | ·92 | 1·59 | 3·44 | 3·62 | 1·64 | 2·27 | 1·23 | 1·91 | 1·06 | YEAR'S TOTAL 23·61 |
| *Days with ·01 in. or more. | 22 | 12 | 15 | 14 | 16 | 16 | 22 | 13 | 12 | 15 | 19 | 11 | 187 |
| *Days with .04 in. or more. | 14 | 11 | 8 | 8 | 8 | 9 | 16 | 9 | 10 | 10 | 11 | 5 | 119 |

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*See Instruction 2 (*f*) on other side.

(Signed) for J R Bradshaw [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Hart Reservoir

*in the County of* Durham

~~Diameter of~~ Funnel of Gauge 10 in. X 10 in. SQUARE.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 172 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·03 | ·06 | - | - | ·07 | - | - | ·14 | - | - | ·15 | | 1 |
| 2 | - | ·03 | ·01 | ·17 | - | - | - | - | - | - | - | ·20 | | 2 |
| 3 | - | ·01 | - | ·06 | - | ·18 | ·14 | ·01 | - | - | - | ·07 | | 3 |
| 4 | ·02 | - | ·08 | ·04 | ·06 | - | ·01 | ·05 | - | - | - | ·10 | | 4 |
| 5 | - | - | ·07 | ·01 | ·10 | - | ·01 | - | ·04 | ·02 | - | ·41 | | 5 |
| 6 | - | - | ·04 | ·01 | ·04 | - | - | ·22 | - | - | ·10 | ·19 | | 6 |
| 7 | - | ·10 | ·07 | ·05 | ·02 | ·01 | - | - | - | ·01 | - | ·26 | | 7 |
| 8 | - | ·30 | ·14 | - | - | - | ·06 | ·03 | - | - | ·07 | ·24 | | 8 |
| 9 | - | - | ·18 | ·04 | - | - | ·10 | ·06 | - | - | ·28 | ·36 | | 9 |
| 10 | - | ·03 | - | ·01 | ·20 | ·05 | ·02 | - | ·04 | ·02 | ·16 | ·19 | | 10 |
| 11 | - | - | ·40 | ·42 | ·18 | - | - | - | ·05 | - | ·01 | ·37 | | 11 |
| 12 | ·03 | ·24 | ·37 | ·18 | ·02 | - | - | ·01 | ·03 | - | - | ·12 | | 12 |
| 13 | - | ·06 | ·03 | ·04 | ·08 | ·06 | - | - | ·14 | - | - | ·20 | | 13 |
| 14 | - | - | ·18 | ·01 | ·01 | ·35 | - | ·78 | ·01 | - | - | ·36 | | 14 |
| 15 | ·05 | ·46 | ·04 | ·26 | - | - | - | - | ·01 | - | - | ·24 | | 15 |
| 16 | ·04 | ·02 | ·05 | ·49 | - | ·07 | - | ·02 | - | - | - | ·42 | | 16 |
| 17 | ·01 | ·02 | ·14 | ·12 | - | ·01 | - | ·01 | ·71 | - | - | ·18 | | 17 |
| 18 | ·20 | ·03 | ·06 | - | - | ·10 | ·15 | ·03 | ·10 | - | ·12 | - | | 18 |
| 19 | - | ·01 | ·03 | ·08 | - | - | - | ·16 | ·03 | ·01 | ·58 | - | | 19 |
| 20 | ·02 | - | ·02 | ·02 | ·77 | - | - | ·02 | - | - | - | - | | 20 |
| 21 | - | - | ·03 | ·02 | ·17 | - | ·18 | ·01 | - | - | - | ·08 | | 21 |
| 22 | ·02 | - | ·08 | ·01 | - | - | - | - | - | ·10 | ·21 | - | | 22 |
| 23 | ·14 | - | ·02 | - | ·45 | - | ·07 | - | - | ·48 | ·21 | - | | 23 |
| 24 | ·10 | - | ·03 | - | - | - | ·36 | - | ·13 | ·05 | - | - | | 24 |
| 25 | ·09 | ·11 | - | - | - | - | ·02 | ·17 | - | ·15 | - | - | | 25 |
| 26 | ·01 | ·14 | ·04 | - | ·43 | - | - | - | - | - | ·01 | - | | 26 |
| 27 | - | ·36 | ·05 | ·11 | - | - | ·02 | - | - | ·08 | ·02 | ·01 | | 27 |
| 28 | ·08 | ·04 | - | - | - | ·01 | - | - | - | ·10 | - | - | | 28 |
| 29 | ·09 | X | - | - | - | - | - | - | - | ·02 | ·01 | 11 | | 29 |
| 30 | ·07 | X | - | - | - | ·11 | - | - | - | ·01 | ·16 | ·03 | | 30 |
| 31 | ·36 | X | - | X | - | X | - | ·01 | X | ·22 | X | ·01 | | 31 |
| TOTAL | 1·34 | 1·99 | 2·22 | 2·15 | 2·53 | 1·02 | 1·14 | 1·59 | 1·43 | 1·27 | 1·94 | 4·30 | Year's Total<br>22·92 | ✓ |
| * Days with .01 in. or more. | 17 | 17 | 24 | 20 | 13 | 11 | 12 | 15 | 12 | 13 | 13 | 22 | 189 | ✓ |
| * Days with .04 in. or more. | 10 | 9 | 17 | 13 | 10 | 8 | 7 | 6 | 8 | 7 | 9 | 19 | 123 | ✓ |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. A. Bradshaw

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]00

# REGISTER OF RAINFALL IN 1938

*Kept at* Hartlepool, Hart Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10 in. x 10 in. Square

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 172 ft.

~~[illegible]~~
Days [illegible] from [illegible]

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·04 | - | - | - | ·01 | 1·25 | ·05 | - | ·03 | - | ·10 | ·07 |  | 1 |
| 2 | ·48 | - | - | - | - | ·30 | ·20 | - | ·06 | ·18 | ·10 | ·05 |  | 2 |
| 3 | ·25 | - | - | - | - | - | - | - | ·17 | ·42 | ·07 | - |  | 3 |
| 4 | ·05 | - | - | ·04 | - | ·09 | ·12 | - | - | ·15 | - | ·34 |  | 4 |
| 5 | - | ·03 | - | - | - | - | ·02 | ·57 | - | ·01 | - | - |  | 5 |
| 6 | ·05 | ·01 | ·01 | - | - | ·01 | ·24 | ·01 | - | - | - | ·01 |  | 6 |
| 7 | - | - | - | - | - | - | ·35 | - | ·11 | ·11 | - | - |  | 7 |
| 8 | ·05 | - | - | - | - | - | ·52 | ·05 | - | ·41 | ·14 | ·07 |  | 8 |
| 9 | ·19 | ·09 | - | - | ·04 | ·08 | ·01 | ·01 | - | - | - | ·20 |  | 9 |
| 10 | ·04 | - | - | - | - | ·11 | - | - | ·04 | - | - | ·02 |  | 10 |
| 11 | - | - | - | - | - | ·04 | - | - | ·01 | - | ·04 | ·01 |  | 11 |
| 12 | ·08 | ·12 | - | - | ·02 | - | - | ·44 | - | ·22 | ·02 | - |  | 12 |
| 13 | ·03 | ·07 | - | - | - | - | - | ·01 | ·15 | ·01 | ·10 | ·12 |  | 13 |
| 14 | ·10 | ·01 | - | - | - | - | - | - | - | - | - | ·06 |  | 14 |
| 15 | ·03 | ·01 | - | - | ·01 | - | ·25 | ·08 | - | ·03 | - | ·11 |  | 15 |
| 16 | ·11 | - | - | - | ·38 | - | ·50 | ·01 | ·07 | - | ·02 | ·31 |  | 16 |
| 17 | - | - | - | ·02 | ·20 | - | ·01 | ·08 | ·01 | ·18 | - | - |  | 17 |
| 18 | - | ·04 | - | - | ·06 | - | - | - | ·03 | ·08 | ·14 | ·05 |  | 18 |
| 19 | - | - | - | - | - | ·02 | - | ·05 | ·05 | - | ·01 | ·21 |  | 19 |
| 20 | ·01 | - | - | - | - | - | - | ·01 | ·08 | - | ·29 | ·18 |  | 20 |
| 21 | - | - | ·02 | - | - | - | - | ·20 | - | - | - | ·10 |  | 21 |
| 22 | - | ·03 | ~~·02~~ | - | - | ·08 | - | - | - | - | ·17 | ·23 |  | 22 |
| 23 | ·02 | - | - | - | ·11 | ·11 | - | - | ·10 | - | ·03 | ·05 |  | 23 |
| 24 | ·08 | - | - | - | ·03 | - | - | ·17 | ·43 | ·01 | - | ·01 |  | 24 |
| 25 | - | - | - | - | ·10 | - | ·08 | ·11 | - | ·41 | ·26 | ·10 |  | 25 |
| 26 | - | ·52 | ·04 | - | - | - | - | - | ·08 | ·10 | - | - |  | 26 |
| 27 | ·03 | ·03 | - | ·06 | ·18 | ·09 | ·08 | ·15 | ·08 | ·06 | ·03 | ·01 |  | 27 |
| 28 | ·14 | - | - | - | ·57 | ·25 | - | - | ·08 | - | - | - |  | 28 |
| 29 | ·04 | - | - | ·07 | ·61 | - | ·02 | - | - | - | ·04 | ·02 |  | 29 |
| 30 | ·08 | ✕ | - | - | ·27 | - | - | - | ·05 | - | ·12 | - |  | 30 |
| 31 | ·09 | ✕ | - | ✕ | ·11 | ✕ | - | - | ✕ | ·20 | ✕ | ·35 |  | 31 |
| TOTAL | 1·99 | ·96 | ·07 | ·19 | 2·70 | 2·43 | 2·45 | ~~2·00~~ ~~1·95~~ | 1·63 | 2·58 ~~2·10~~ | 1·68 | 2·68 | Year's Total 21·31 |  |
| * Days with .01 in. or more. | 21 | 11 | 3 | 4 | 1~~5~~7 | 1~~2~~3 | 1~~4~~5 | ~~15~~ 21 | ~~18~~ 21 | 1~~8~~9 | ~~17~~ 20 | 23 | ~~169~~ (188) |  |
| * Days with .04 in. or more. | 16 | 5 | 1 | 3 | 11 | 10 | 10 | 10 | 1~~4~~3 | 12 | 12 | 17 | (12~~1~~0) |  |

† Spare column, no entries required.

(*Signed*) J. R. Bradshaw.

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939.

*Kept at* Hartlepool, Hart Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10" x 10" in. (SQUARE)

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 172 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·16 | - | - | ·03 | ·01 | - | ·01 | ·03 | ·01 | ·23 | ·04 | - | | 1 |
| 2 | ·13 | - | - | ·07 | ·03 | - | - | ·37 | ·84 | ·06 | ·14 | - | | 2 |
| 3 | - | - | - | ·14 | - | - | - | ·08 | - | ·02 | ·15 | ·02 | | 3 |
| 4 | ·04 | - | ·14 | ·14 | - | - | ·03 | - | ·03 | - | ·12 | ·03 | | 4 |
| 5 | - | - | - | - | ·18 | - | ·07 | 1·28 | - | ·03 | ·20 | ·10 | | 5 |
| 6 | ·15 | - | - | - | - | - | ·23 | ·01 | - | ·05 | - | - | | 6 |
| 7 | - | ·03 | ·01 | - | ·26 | - | ·01 | - | - | ·17 | ·08 | ·05 | | 7 |
| 8 | ·05 | - | ·05 | ·07 | - | - | ·09 | - | - | - | ·05 | ·31 | | 8 |
| 9 | ·15 | ·02 | - | - | - | - | ·23 | ·02 | ·05 | ·43 | - | ·12 | | 9 |
| 10 | ·22 | - | - | - | - | ·17 | - | ·05 | ·12 | ·01 | - | - | | 10 |
| 11 | ·35 | - | ·26 | - | ·05 | ·16 | - | ·03 | ·02 | - | - | ·01 | | 11 |
| 12 | - | - | - | - | - | ·09 | ·02 | - | - | 1·17 | ·01 | ·01 | | 12 |
| 13 | ·01 | ·01 | ·05 | ·12 | ·10 | - | ·01 | - | ·03 | ·04 | - | - | | 13 |
| 14 | ·30 | - | - | ·07 | ·11 | ·28 | ·19 | - | ·07 | ·20 | ·30 | - | | 14 |
| 15 | ·05 | - | - | - | ·02 | ·12 | ·09 | - | - | ·04 | - | ·02 | | 15 |
| 16 | ·04 | - | ·05 | - | ·51 | - | ·06 | - | - | - | - | - | | 16 |
| 17 | ·17 | - | - | ·04 | ·09 | - | ·04 | - | - | - | - | - | | 17 |
| 18 | ·57 | ·03 | ·06 | - | - | ·31 | ·17 | - | ·03 | ·03 | ·75 | - | | 18 |
| 19 | ·13 | - | - | - | - | ·25 | - | - | ·01 | - | - | - | | 19 |
| 20 | - | - | - | - | ·03 | ·01 | - | ·04 | ·03 | - | - | ·02 | | 20 |
| 21 | ·09 | ·08 | ·01 | ·06 | - | - | - | ·02 | ·05 | - | - | - | | 21 |
| 22 | ·39 | ·08 | - | - | - | - | - | - | ·04 | - | - | - | | 22 |
| 23 | - | - | ·16 | ·06 | - | ·16 | ·01 | - | ·02 | - | - | - | | 23 |
| 24 | - | - | ·01 | ·15 | - | ·02 | - | ·06 | - | - | - | - | | 24 |
| 25 | ·16 | - | ·01 | ·20 | - | - | - | ·01 | - | ·03 | - | ·10 | | 25 |
| 26 | ·02 | - | ·02 | ·01 | - | - | - | - | ·04 | ·46 | - | ·01 | | 26 |
| 27 | ·11 | ·27 | ·42 | ·01 | ·07 | ·02 | ·02 | ·02 | - | ·10 | - | - | | 27 |
| 28 | ·16 | ·06 | ·34 | ·06 | - | ·09 | ·11 | - | - | - | ·24 | ·10 | | 28 |
| 29 | - | × | - | - | - | - | ·33 | - | - | ·40 | - | - | | 29 |
| 30 | ·02 | ✕ | - | ·03 | - | ·07 | ·04 | - | - | ·03 | ·12 | - | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·05 | - | ✕ | ·02 | ✕ | - | | 31 |
| TOTAL | 3·47 | ·58 | 1·59 | 1·26 | 1·46 | 1·75 | 1·81 | 2·02 | 1·39 | 3·52 | 2·20 | ·90 | Year's Total 21·95 | |
| * Days with .01 in. or more. | 22 | 8 | 14 | 16 | 12 | 13 | 20 | 13 | 15 | 19 | 12 | 13 | 177 | |
| * Days with .04 in. or more. | 19 | 4 | 9 | 12 | 8 | 10 | 13 | 6 | 7 | 12 | 11 | 6 | 117 | |

"d"

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. L. Bradshaw. A. E. H.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3527

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40.

*Kept at* Hartlepool, Hart Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 10"x10" in. SQUARE.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 172 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | - | ·04 | - | ·04 | - | - | - | - | - | - | ·03 | - | | 1 |
| 2 | - | - | - | ·04 | - | - | ·01 | - | - | - | ·05 | ·05 | | 2 |
| 3 | ·03 | ·02 | - | ·04 | - | - | ·10 | - | - | ·07 | - | ·05 | | 3 |
| 4 | - | ·10 | - | ·05 | - | - | ·27 | - | - | ·06 | ·29 | ·03 | | 4 |
| 5 | - | - | - | - | ·21 | - | ·01 | - | - | ·05 | ·05 | ·12 | | 5 |
| 6 | ·09 | ·02 | - | - | - | - | ·18 | - | - | ·60 | ·07 | ·25 | | 6 |
| 7 | ·02 | ·26 | - | ·03 | - | - | ·05 | ·07 | ·06 | ·05 | - | ·04 | | 7 |
| 8 | - | - | ·01 | - | - | ·16 | ·38 | ·16 | ·08 | ·06 | - | ·08 | | 8 |
| 9 | - | - | ·28 | - | - | - | ·56 | - | - | ·01 | ·46 | ·04 | | 9 |
| 10 | - | - | ·04 | - | - | ·05 | 1·49 | ·12 | ·01 | - | ·05 | - | | 10 |
| 11 | - | ·18 x | ·06 | - | - | ·12 | ·31 | - | ·06 | - | ·18 | ·03 | | 11 |
| 12 | - | ·02 x | ·54 | - | - | - | - | - | ·14 | - | - | ·02 | | 12 |
| 13 | - | ·11 | ·08 | - | - | - | ·04 | - | ·12 | ·01 | ·02 | ·01 | | 13 |
| 14 | - | - | ·07 | ·01 | ·10 | - | ·26 | - | - | ·02 | ·02 | ·13 | | 14 |
| 15 | ·15 x | - | ·01 | - | ·17 | ·07 | - | - | - | - | ·03 | ·02 | | 15 |
| 16 | ·07 x | - | - | - | - | ·02 | ·59 | - | ·54 | ·31 | ·06 | ·01 | | 16 |
| 17 | - | - | ·20 | - | - | - | 1·28 | - | ·02 | ·30 | ·51 | ·01 | | 17 |
| 18 | - | ·14 x | ·09 | ·23 | - | - | ·08 | ·28 | ·04 | - | ·34 | - | | 18 |
| 19 | - | ·02 | ·01 | ·08 | - | ·02 | ·07 | ·02 | - | - | ·15 | ·04 | | 19 |
| 20 | - | ·01 | ·02 | ·07 | - | - | ·05 | ·35 | ·05 | ·02 | ·03 | - | | 20 |
| 21 | ·20 x | - | ·08 | ·01 | - | ·25 | - | ·06 | ·01 | ·11 | ·59 | - | | 21 |
| 22 | ·15 x | - | ·01 | - | ·10 | ·10 | ·01 | ·05 | ·15 | ·17 | - | - | | 22 |
| 23 | - | ·08 | - | ·24 | ·02 | - | ·05 | - | - | ·04 | ·01 | ·02 | | 23 |
| 24 | ·11 x | ·02 | - | ·10 | - | - | - | - | ·02 | ·08 | ·01 | ·12 | | 24 |
| 25 | - | - | ·01 | - | - | - | ·18 | - | - | ·03 | - | ·03 | | 25 |
| 26 | ·39 x | - | - | - | ·21 | - | ·11 | ·15 | ·07 | ·05 | - | - | | 26 |
| 27 | - | ·04 | - | ·38 | - | - | - | - | ·02 | ·15 | - | ·02 | | 27 |
| 28 | ·02 x | ·46 | - | ·02 | ·06 | - | - | ·04 | ·03 | - | ·02 | - | | 28 |
| 29 | ·01 x | - | ·24 | ·01 | - | ·04 | ·05 | - | ·01 | - | ·01 | ·20 | | 29 |
| 30 | ·35 x | ✕ | - | - | - | - | - | - | - | ·29 | - | ·71 | | 30 |
| 31 | ·65 x | ✕ | ·01 | ✕ | - | ✕ | - | - | ✕ | ·33 | ✕ | ·37 | | 31 |
| TOTAL | 2·24 | 1·52 | 1·76 | 1·35 | ·87 | ·81 | 6·13 | 1·30 | 1·43 | 2·81 | 2·98 | 2·40 | Year's Total 25·60 | |
| * Days with .01 in. or more. | 13 | 15 | 17 | 15 | 7 | 9 | 22 | 10 | 17 | 21 | 21 | 23 | 190 | |
| * Days with .04 in. or more. | 9 | 9 | 10 | 10 | 6 | 7 | 19 | 9 | 10 | 16 | 12 | 13 | 130 | |

1.42

x SNOW.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J.R. Bradshaw: ...... Per Pro:

P.T.O.

320A

3528

FORM 1090. **B** Mon
Sum

3528

HARWOOD COMMON

1931

78 0701

*⁎* The following register of monthly
&c., is NOT required if daily or
values are given on the other side

d also the space for

ter should be sent:—

## RAINFALL IN 1931

At Harwood Common, J.

In the County of Durham

Rain Gauge
Diameter of Funnel
*Height of Top above Ground* ft
*Height of Ground above Sea Level*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Num Days ·01 in or more | or more |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | * | * |
| JAN. | 5.00 | | | | |
| FEB. | 6.00 | | | | |
| MAR. | 2.00 | | | | |
| APRIL | 4.50 | | | | |
| MAY | 3.50 | | | | |
| JUNE | | | | | |
| JULY | | | | | |
| AUG. | | | | | |
| SEPT. | | | | | |
| OCT. | | | | | |
| NOV. | | | | | |
| DEC. | | | | | |
| Total | | | | | |

*Signature* J. G. Collinson

M

*See Instruction 2 (*f*) below.

n Summer

Direction from gauge

Direction from gauge

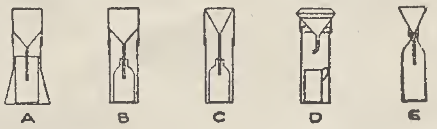
Directions from gauge ..

**If gauge has been moved during the year state—**

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

---

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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320A

3528

FORM 1090. **B** Monthly Summary.

**C** Particulars of Station.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931

At Harwood Common, Yadmoss

In the County of Durham

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* ........ *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 5·00 | | | | |
| FEB. | 6·00 | | | | |
| MAR. | 2·00 ✓ | | | | |
| APRIL | 4·50 | | | | |
| MAY | 3·50 ✗ | | | | |
| JUNE | | | | | |
| JULY | | | | | |
| AUG. | | | | | |
| SEPT. | | | | | |
| OCT. | | | | | |
| NOV. | | | | | |
| DEC. | | | | | |
| Total | | | | | |

*Signature* J. G. Collinson

M

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

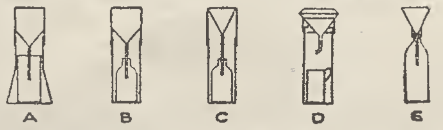
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3529

**Section** A for the entry of

AIR MINISTRY

FORM 1090. **REGIST**

FOR OFFICIAL USE.

ORGANIZATION.

3529

HARWOOD, BOWES CLOSE

1931

780701

*Kept a* Bowes Close ,

*in the County of* Durha

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to* … *lowing*
*year in the space on the right of th*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | | | | | | | | | | | | 1 |
| 2 | | ·16 | | | | | | | | | | | 2 |
| 3 | | | | ·60 | | | | | | | | | 3 |
| 4 | | | | ·10 | | | | | | | | | 4 |
| 5 | | | | | ·15 | | | | | | | | 5 |
| 6 | | ·15 | | | ·10 | | | | | | | | 6 |
| 7 | | 86 | | | | | | | | | | | 7 |
| 8 | | ·70 | | | | | | | | | | | 8 |
| 9 | ·08 | ·50 | ·10 | | | | | | | | | | 9 |
| 10 | 07 | ·20 | | | | | | | | | | | 10 |
| 11 | ·25 | ·80 | | | | | | | | | | | 11 |
| 12 | 18 | 07 | | ·12 | ·20 | | | | | | | | 12 |
| 13 | | | | 09 | ·85 | | | | | | | | 13 |
| 14 | 10 | | | ·40 | 05 | | | | | | | | 14 |
| 15 | ·20 | | | | | | | | | | | | 15 |
| 16 | ·30 | | | | | | | | | | | | 16 |
| 17 | | ·80 | | | | | | | | | | | 17 |
| 18 | ·28 | | | ·60 | | | | | | | | | 18 |
| 19 | 17 | 20 | | ·20 | | | | | | | | | 19 |
| 20 | | 30 | | ·70 | ·16 | | | | | | | | 20 |
| 21 | ·06 | | | | | | | | | | | | 21 |
| 22 | 60 | | ·90 | | | | | | | | | | 22 |
| 23 | ·98 | ·50 | | | ·26 | | | | | | | | 23 |
| 24 | ·20 | ·40 | | | ·30 | | | | | | | | 24 |
| 25 | | 10 | | | 56 | | | | | | | | 25 |
| 26 | 10 | | ·36 | ·80 | 08 | | | | | | | | 26 |
| 27 | ·16 | | 10 | 50 | ·16 | | | | | | | | 27 |
| 28 | ·11 | | | 10 | | | | | | | | | 28 |
| 29 | 10 | | | ·06 | | | | | | | | | 29 |
| 30 | | ✕ | | ·12 | | | | | | | | | 30 |
| 31 | ·96 | ✕ | | ✕ | ·55 | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 5·00 | 5·74 | 1·46 | 4·39 | 3·42 | | | | | | | | YEAR'S TOTAL |
| *Days with ·01 in. or more. | 19 | 14 | 4 | 13 | 12 | | | | | | | | |
| *Days with ·04 in. or more. | 19 | 14 | 4 | 13 | 12 | | | | | | | | |

40-9999

*See Instruction 2 (f) on other side.

(Signed) J. G. Collinson [P.T.O.

320 Section **A** for the entry of FOR OFFICIAL USE. 3529

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Bowes Close, Harwood Beck

*in the County of* Durham

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Harwood, Bowes Close

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·10 | | | | | | | | | | | | 1 |
| 2 | | ·16 | | | | | | | | | | | 2 |
| 3 | | | | ·60 | | | | | | | | | 3 |
| 4 | | | | ·10 | | | | | | | | | 4 |
| 5 | | | | | ·15 | | | | | | | | 5 |
| 6 | | ·15 | | | ·10 | | | | | | | | 6 |
| 7 | | 86 | | | | | | | | | | | 7 |
| 8 | | ·70 | | | | | | | | | | | 8 |
| 9 | ·08 | ·50 | ·10 | | | | | | | | | | 9 |
| 10 | 07 | ·20 | | | | | | | | | | | 10 |
| 11 | ·25 | ·80 | | | | | | | | | | | 11 |
| 12 | 18 | ·07 | | ·12 | ·20 | | | | | | | | 12 |
| 13 | | | | 09 | ·85 | | | | | | | | 13 |
| 14 | 10 | | | ·40 | ·05 | | | | | | | | 14 |
| 15 | 20 | | | | | | | | | | | | 15 |
| 16 | ·30 | | | | | | | | | | | | 16 |
| 17 | | ·80 | | | | | | | | | | | 17 |
| 18 | ·28 | | | ·60 | | | | | | | | | 18 |
| 19 | 17 | ·20 | | ·20 | | | | | | | | | 19 |
| 20 | | ·30 | | ·70 | ·16 | | | | | | | | 20 |
| 21 | ·06 | | | | | | | | | | | | 21 |
| 22 | ·60 | | ·90 | | | | | | | | | | 22 |
| 23 | ·98 | ·50 | | | ·26 | | | | | | | | 23 |
| 24 | ·20 | ·40 | | | ·30 | | | | | | | | 24 |
| 25 | | ·10 | | | ·56 | | | | | | | | 25 |
| 26 | 10 | | ·36 | ·80 | ·08 | | | | | | | | 26 |
| 27 | ·16 | | ·10 | ·50 | ·16 | | | | | | | | 27 |
| 28 | ·11 | | | ·10 | | | | | | | | | 28 |
| 29 | ·10 | | | ·06 | | | | | | | | | 29 |
| 30 | | × | | ·12 | | | | | | | | | 30 |
| 31 | ·96 | × | | × | ·55 | × | | | × | | × | | 31 |
| TOTAL | 5·00 | 5·74 | 1·46 | 4·39 | 3·42 | | | | | | | | YEAR'S TOTAL |
| *Days with ·01 in. or more. | 19 | 14 | 4 | 13 | 12 | | | | | | | | |
| *Days with ·04 in. or more. | 19 | 14 | 4 | 13 | 12 | | | | | | | | |

40-9999 M

*See Instruction 2 (f) on other side.

(Signed) J. G. Collinson [P.T.O.

3530

Section **A** for the entry o
AIR MINISTR

FOR OFFICIAL USE.
ORGANIZATION.

FORM 1090.

**REGIS**

3530

NEW WINNING P.S.
1931 — 40

Kept at New Winning
in the County of Du
Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea I

**THE MORNING MEASU**

*An observer who does not conform to* *llowing*
*year in the space on the right of th*

Jan. 1, following

780701

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | · | · | ·19 | | · | ·03 | · | · | ·28 | · | · | ·01 | 1 |
| 2 | · | ·07 | | ·65 | · | ·79 | · | · | ·72 | ·06 | · | ·14 | 2 |
| 3 | · | ·02 | ·06 | ·08 | | ·05 | ·11 | · | 1·21 | · | ·21 | ·22 | 3 |
| 4 | ·10 | ·09 | · | ·01 | · | ·03 | ·01 | · | 2·44 | · | ·04 | ·01 | 4 |
| 5 | · | · | | | ·05 | ·45 | ·24 | ·16 | ·01 | · | | ·23 | 5 |
| 6 | · | ·03 | ·06 | · | · | ·40 | ·48 | ·13 | ·01 | ·08 | · | · | 6 |
| 7 | | · | ·02 | | ·02 | ·04 | | ·16 | · | · | ·12 | ·02 | 7 |
| 8 | ·07 | ·01 | ·18 | ·04 | ·14 | ·14 | ·69 | ·16 | | · | ·06 | · | 8 |
| 9 | ·01 | ·12 | ·20 | ·14 | ·05 | ·08 | · | ·12 | | · | ·36 | ·06 | 9 |
| 10 | · | · | ·09 | | ·12 | ·31 | | ·07 | · | · | ·13 | ·01 | 10 |
| 11 | ·04 | ·11 | · | · | | ·02 | ·02 | · | ·01 | · | ·01 | · | 11 |
| 12 | ·05 | · | | | · | · | 1·30 | ·06 | ·05 | ·20 | · | · | 12 |
| 13 | ·04 | · | ·06 | · | ·04 | ·01 | ·30 | ·03 | | · | · | · | 13 |
| 14 | ·07 | ·08 | ·01 | ·01 | ·03 | ·55 | ·11 | ·65 | · | · | ·07 | ·01 | 14 |
| 15 | · | ·07 | · | ·26 | ·06 | ·01 | ·24 | ·01 | ·01 | · | ·04 | · | 15 |
| 16 | ·01 | ·18 | | ·10 | · | ·01 | ·04 | ·42 | ·11 | · | · | · | 16 |
| 17 | · | ·07 | · | ·36 | · | ·11 | ·13 | ·06 | · | ·02 | ·01 | · | 17 |
| 18 | ·21 | ·01 | · | ·31 | · | ·16 | ·14 | · | · | · | ·65 | | 18 |
| 19 | ·04 | ·03 | | ·06 | ·01 | ·08 | ·01 | ·47 | ·05 | ·06 | ·01 | ·01 | 19 |
| 20 | · | ·01 | ·01 | ·08 | · | ·02 | · | | ·04 | · | ·03 | ·01 | 20 |
| 21 | ·03 | · | · | ·02 | · | | · | ·05 | ·03 | · | | · | 21 |
| 22 | ·10 | ·03 | ·01 | ·08 | ·16 | ·02 | ·04 | · | ·03 | · | · | · | 22 |
| 23 | ·15 | ·02 | · | ·06 | ·11 | ·26 | ·04 | · | ·10 | ·12 | ·22 | ·04 | 23 |
| 24 | · | ·02 | · | ·06 | ·45 | · | ·07 | ·06 | ·03 | ·10 | ·04 | ·01 | 24 |
| 25 | · | ·01 | · | ·15 | ·07 | · | ·18 | · | · | · | ·05 | · | 25 |
| 26 | · | · | · | ·12 | ·02 | · | ·36 | · | | · | ·29 | · | 26 |
| 27 | ·05 | · | · | ·43 | · | · | ·05 | · | | ·09 | ·12 | · | 27 |
| 28 | ·21 | ·01 | ·02 | ·12 | ·60 | · | | · | ·01 | · | ·02 | | 28 |
| 29 | ·38 | | ·01 | · | ·11 | | ·29 | · | · | ·46 | ·02 | ·24 | 29 |
| 30 | ·17 | × | · | | ·49 | ·03 | · | · | | · | · | | 30 |
| 31 | ·28 | × | · | × | ·05 | × | ·07 | · | × | ·02 | × | | 31 |
| TOTAL | 2·01 | ·99 | ·92 | 3·14 | 2·58 | 3·60 | 4·92 | 2·61 | 5·14 | 1·21 | 2·50 | 1·02 | YEAR'S TOTAL<br>30·64 |
| *Days with ·01 in. or more. | 18 | 19 | 13 | 20 | 18 | 22 | 22 | 15 | 17 | 10 | 20 | 14 | 208 |
| *Days with ·04 in. or more. | 15 | 8 | 7 | 17 | 14 | 13 | 19 | 13 | 9 | 8 | 14 | 6 | 143 |

40-9999 M

*See Instruction 2 (*f*) on other side.

(Signed) [P.T.O.

3530

**Section** **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* New Winning Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 402·00 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·19 | | | ·03 | | | ·28 | | | ·01 | 1 |
| 2 | | ·07 | | ·65 | | ·79 | | | ·72 | ·06 | | ·14 | 2 |
| 3 | | ·02 | ·06 | ·08 | | ·05 | ·11 | | 1·21 | | ·21 | ·22 | 3 |
| 4 | ·10 | ·09 | | ·01 | | ·03 | ·01 | | 2·44 | | ·04 | ·01 | 4 |
| 5 | | | | | ·05 | ·45 | ·24 | ·16 | ·01 | | | ·23 | 5 |
| 6 | | ·03 | ·06 | | | ·40 | ·48 | ·13 | ·01 | ·08 | | | 6 |
| 7 | | | ·02 | | ·02 | ·04 | | ·16 | | | ·12 | ·02 | 7 |
| 8 | ·07 | ·01 | ·18 | ·04 | ·14 | ·14 | ·69 | ·16 | | | ·06 | | 8 |
| 9 | ·01 | ·12 | ·20 | ·14 | ·05 | ·08 | | ·12 | | | ·36 | ·06 | 9 |
| 10 | | | ·09 | | ·12 | ·31 | | ·07 | | | ·13 | ·01 | 10 |
| 11 | ·04 | ·11 | | | | ·02 | ·02 | | ·01 | | ·01 | | 11 |
| 12 | ·05 | | | | | | 1·30 | ·06 | ·05 | ·20 | | | 12 |
| 13 | ·04 | | ·06 | | ·04 | ·01 | ·30 | ·03 | | | | | 13 |
| 14 | ·07 | ·08 | ·01 | ·01 | ·03 | ·55 | ·11 | ·65 | | | ·07 | ·01 | 14 |
| 15 | | ·07 | | ·26 | ·06 | ·01 | ·24 | ·01 | ·01 | | ·04 | | 15 |
| 16 | ·01 | ·18 | | ·10 | | ·01 | ·04 | ·42 | ·11 | | | | 16 |
| 17 | | ·07 | | ·36 | | ·11 | ·13 | ·06 | | ·02 | ·01 | | 17 |
| 18 | ·21 | ·01 | | ·31 | | ·16 | ·14 | | | | ·65 | | 18 |
| 19 | ·04 | ·03 | | ·06 | ·01 | ·08 | ·01 | ·47 | ·05 | ·06 | ·01 | ·01 | 19 |
| 20 | | ·01 | ·01 | ·08 | | ·02 | | | ·04 | | ·03 | ·01 | 20 |
| 21 | ·03 | | | ·02 | | | | ·05 | ·03 | | | | 21 |
| 22 | ·10 | ·03 | ·01 | ·08 | ·16 | ·02 | ·04 | | ·03 | | | | 22 |
| 23 | ·15 | ·02 | | ·06 | ·11 | ·26 | ·04 | | ·10 | ·12 | ·22 | ·04 | 23 |
| 24 | | ·02 | | ·06 | ·45 | | ·07 | ·06 | ·03 | ·10 | ·04 | ·01 | 24 |
| 25 | | ·01 | | ·15 | ·07 | | ·18 | | | | ·05 | | 25 |
| 26 | | | | ·12 | ·02 | | ·36 | | | | ·29 | | 26 |
| 27 | ·05 | | | ·43 | | | ·05 | | | ·09 | ·12 | | 27 |
| 28 | ·21 | ·01 | ·02 | ·12 | ·60 | | | | ·01 | | ·02 | | 28 |
| 29 | ·38 | | ·01 | | ·11 | | ·29 | | | ·46 | ·02 | ·24 | 29 |
| 30 | ·17 | × | | | ·49 | ·03 | | | | | | | 30 |
| 31 | ·28 | × | | × | ·05 | × | ·07 | | × | ·02 | × | | 31 |
| TOTAL | 2·01 | ·99 | ·92 | 3·14 | 2·58 | 3·60 | 4·92 | 2·61 | 5·14 | 1·21 | 2·50 | 1·02 | YEAR'S TOTAL 30·64 |
| *Days with ·01 in. or more. | 18 | 19 | 13 | 20 | 18 | 22 | 22 | 15 | 17 | 10 | 20 | 14 | 208 |
| *Days with ·04 in. or more. | 15 | 8 | 7 | 17 | 14 | 13 | 19 | 13 | 9 | 8 | 14 | 6 | 143 |

40-9999 M

*See Instruction 2 (*f*) on other side.

(*Signed*) Alfred D. Blackburn [P.T.O.

3530

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* New Winning Pumping Station

*in the County of* Durham.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 402·00 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | · | · | · | ·05 | ·30 | · | · | ·02 | ·24 | ·20 | ·04 | ·01 | 1 |
| 2 | · | · | | · | ·66 | · | ·02 | · | ·20 | ·16 | ·01 | ·06 | 2 |
| 3 | · | ·02 | · | ·03 | ·01 | ·01 | ·01 | · | ·02 | ·02 | | ·10 | 3 |
| 4 | ·01 | ·01 | | · | ·07 | ·01 | ·17 | ·19 | | ·01 | · | · | 4 |
| 5 | ·12 | ·01 | ·07 | ·02 | ·13 | · | · | ·02 | ·06 | · | · | ·06 | 5 |
| 6 | ·20 | · | · | ·03 | ·02 | · | · | · | ·01 | ·01 | · | ·05 | 6 |
| 7 | · | · | ·11 | ·01 | ·04 | ·03 | · | · | ·09 | ·24 | ·04 | · | 7 |
| 8 | · | ·06 | ·08 | ·03 | ·04 | · | · | · | ·15 | ·19 | ·06 | · | 8 |
| 9 | ·12 | ·18 | ·03 | ·05 | · | · | · | · | ·03 | ·17 | · | ·20 | 9 |
| 10 | ·21 | ·07 | ·04 | ·06 | ·01 | · | ·03 | ·01 | ·07 | ·29 | · | ·09 | 10 |
| 11 | ·01 | ·22 | · | ·08 | ·33 | ·07 | ·43 | · | · | · | ·02 | · | 11 |
| 12 | ·15 | ·10 | · | · | ·11 | · | ·02 | ·04 | · | ·19 | ·04 | · | 12 |
| 13 | ·01 | ·17 | · | ·03 | ·05 | · | ·01 | ·01 | ·49 | · | ·01 | ·13 | 13 |
| 14 | ·09 | ·08 | · | ·06 | · | · | ·03 | · | · | · | ·03 | · | 14 |
| 15 | · | · | · | · | ·05 | · | · | | · | ·04 | ·10 | ·08 | 15 |
| 16 | ·28 | · | ·02 | · | ·01 | · | · | | · | ·03 | ·07 | ·04 | 16 |
| 17 | · | · | ·02 | ·02 | ·03 | · | ·04 | · | · | ·11 | ·02 | · | 17 |
| 18 | · | · | · | · | ·03 | ·01 | · | ·01 | · | · | ·01 | · | 18 |
| 19 | · | ·01 | ·03 | ·10 | ·04 | · | ·03 | ·01 | ·01 | ·16 | · | | 19 |
| 20 | · | · | ·15 | ·14 | ·15 | · | ·05 | ·46 | · | ·11 | · | · | 20 |
| 21 | · | · | ·56 | ·07 | 1·36 | · | ·06 | ·87 | · | ·52 | ·01 | ·01 | 21 |
| 22 | · | ·01 | ·55 | ·08 | ·12 | ·01 | ·14 | · | · | ·05 | ·13 | · | 22 |
| 23 | · | ·06 | | ·15 | ·01 | · | ·08 | · | ·05 | | · | · | 23 |
| 24 | · | ·02 | · | · | ·16 | · | ·32 | · | ·04 | | ·01 | · | 24 |
| 25 | · | ·06 | · | ·03 | ·06 | · | · | ·06 | ·02 | ·18 | ·01 | · | 25 |
| 26 | · | ·02 | · | · | ·20 | · | ·24 | · | ·24 | · | | · | 26 |
| 27 | · | · | ·65 | ·22 | ·14 | ·37 | ·10 | · | ·09 | ·37 | ·07 | ·05 | 27 |
| 28 | ·01 | · | ·01 | ·04 | ·45 | ·68 | · | ·10 | · | ·10 | · | · | 28 |
| 29 | · | · | ·15 | ·02 | ·05 | | ·36 | 1·24 | ·02 | ·25 | ·13 | ·07 | 29 |
| 30 | · | × | ·12 | · | · | ·30 | ·04 | ·02 | ·36 | ·11 | ·15 | ·10 | 30 |
| 31 | ·01 | × | ·02 | × | | × | ·70 | · | × | · | × | ·01 | 31 |
| TOTAL | 1·22 | 1·10 | 2·61 | 1·32 | 4·63 | 1·49 | 2·88 | 3·06 | 2·19 | 3·51 | ·96 | 1·06 | YEAR'S TOTAL<br>26·03 |
| *Days with ·01 in. or more. | 12 | 16 | 16 | 21 | 27 | 9 | 20 | 14 | 18 | 22 | 19 | 15 | 209 |
| *Days with ·04 in. or more. | 7 | 9 | 10 | 12 | 20 | 4 | 13 | 7 | 12 | 18 | 10 | 12 | 134 |

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*See Instruction 2 (f) on other side.

(Signed) Alfred B. Blackburn

P.T.O.

COPY FOR OFFICIAL USE.

**Section A.** for the entry of Daily Observations. Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* New Winning Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 402·00 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·11 | | ·01 | | | | | | ·19 | ·01 | 1 |
| 2 | ·13 | | ·15 | | | | | | | ·01 | 1·09 | ·05 | 2 |
| 3 | | ·04 | ·32 | | ·22 | | | | | | ·52 | | 3 |
| 4 | ·19 | ·01 | ·08 | | ·03 | | | | | | ·07 | | 4 |
| 5 | ·03 | | ·01 | | ·06 | | | | | | ·01 | | 5 |
| 6 | | ·02 | ·01 | | ·11 | | | | | ·01 | ·02 | ·12 | 6 |
| 7 | | ·11 | | | ·23 | | | | ·03 | ·18 | | ·03 | 7 |
| 8 | ·03 | | ·21 | ·01 | | ·01 | ·06 | | | | | ·09 | 8 |
| 9 | | ·19 | | | ·01 | | ·13 | | | ·12 | ·06 | ·05 | 9 |
| 10 | ·01 | ·06 | | | | ·09 | ·01 | | | ·31 | ·06 | ·03 | 10 |
| 11 | ·04 | | | | ·05 | | ·01 | | | ·03 | ·02 | | 11 |
| 12 | ·02 | | | | | ·41 | | | | | | ·16 | 12 |
| 13 | | | ·07 | | ·05 | | ·11 | ·08 | ·02 | ·01 | ·08 | | 13 |
| 14 | ·07 | | | | ·02 | | ·71 | ·01 | | | ·29 | ·04 | 14 |
| 15 | ·47 | | ·02 | | | | ·12 | ·03 | | ·21 | ·20 | ·19 | 15 |
| 16 | ·56 | | ·03 | ·01 | ·20 | ·11 | ·04 | | | | ·18 | ·04 | 16 |
| 17 | ·30 | ·09 | ·10 | ·13 | | ·14 | | ·01 | ·01 | | ·40 | | 17 |
| 18 | | ·14 | ·04 | ·07 | | ·54 | | ·11 | | | ·19 | ·01 | 18 |
| 19 | | | ·68 | ·04 | | ·22 | ·13 | ·01 | | | ·10 | ·02 | 19 |
| 20 | | ·16 | | ·04 | | | | | ·28 | ·07 | ·03 | | 20 |
| 21 | | ·02 | | | | ·03 | ·01 | | ·06 | ·01 | ·06 | ·02 | 21 |
| 22 | | ·05 | | | | | | | | 1·16 | ·03 | | 22 |
| 23 | | ·27 | | | ·17 | ·16 | | ·04 | ·29 | ·09 | ·04 | | 23 |
| 24 | | ·21 | | ·18 | ·38 | ·01 | ·06 | | ·23 | ·04 | ·07 | ·06 | 24 |
| 25 | | ·21 | | ·15 | | | | | ·46 | ·40 | ·05 | ·01 | 25 |
| 26 | | ·56 | | ·08 | ·09 | | | | | ·13 | ·18 | ·24 | 26 |
| 27 | ·04 | ·04 | | | ·01 | | ·07 | | ·02 | ·48 | ·19 | ·05 | 27 |
| 28 | ·02 | | | ·03 | | | | ·05 | ·02 | ·17 | | ·12 | 28 |
| 29 | | × | | ·12 | ·01 | | ·34 | ·01 | | ·19 | | ·02 | 29 |
| 30 | ·03 | × | | | | | ·06 | | ·10 | ·02 | | ·22 | 30 |
| 31 | ·04 | × | ·06 | × | | × | | ·11 | × | | × | ·04 | 31 |
| TOTAL | 2·01 | 2·18 | 1·89 | ·86 | 1·65 | 1·72 | 1·86 | ·46 | 1·52 | 3·64 | 4·13 | 1·62 | YEAR'S TOTAL<br>23·54 |
| *Days with ·01 in. or more. | 16 | 16 | 14 | 11 | 16 | 10 | 14 | 10 | 11 | 19 | 24 | 22 | 183 |
| *Days with .04 in. or more. | 9 | 13 | 10 | 8 | 10 | 7 | 11 | 5 | 6 | 13 | 19 | 14 | 125 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Alfred. B.E. Blacklale

P.T.O.

3530

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Shotton, New Winning P.S.
*in the County of* Durham

Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·11 | | ·01 | | | | | | ·19 | ·01 | 1 |
| 2 | ·13 | | ·15 | | | | | | | ·01 | 1·09 | ·05 | 2 |
| 3 | | ·04 | ·32 | | ·22 | | | | | | ·52 | | 3 |
| 4 | ·19 | ·01 | ·08 | | ·03 | | | | | | ·07 | | 4 |
| 5 | ·03 | | ·01 | | ·06 | | | | | | ·01 | | 5 |
| 6 | | ·02 | ·01 | | ·11 | | | | | ·01 | ·02 | ·12 | 6 |
| 7 | | ·11 | | | ·23 | | | | ·03 | ·18 | | ·03 | 7 |
| 8 | ·03 | | ·21 | ·01 | | ·01 | ·06 | | | | | ·09 | 8 |
| 9 | | ·19 | | | ·01 | | ·13 | | | ·12 | ·06 | ·05 | 9 |
| 10 | ·01 | ·06 | | | | ·09 | ·01 | | | ·31 | ·06 | ·03 | 10 |
| 11 | ·04 | | | | ·05 | | ·01 | | | ·03 | ·02 | | 11 |
| 12 | ·02 | | | | | ·41 | | | | | | ·16 | 12 |
| 13 | | | ·07 | | ·05 | | ·11 | ·08 | ·02 | ·01 | ·08 | | 13 |
| 14 | ·07 | | | | ·02 | | ·71 | ·01 | | | ·29 | ·04 | 14 |
| 15 | ·47 | | ·02 | | | | ·12 | ·03 | | ·21 | ·20 | ·19 | 15 |
| 16 | ·56 | | ·03 | ·01 | ·20 | ·11 | ·04 | | | | ·18 | ·04 | 16 |
| 17 | ·30 | ·09 | ·10 | ·13 | | ·14 | | ·01 | ·01 | | ·40 | | 17 |
| 18 | | ·14 | ·04 | ·07 | | ·54 | | ·11 | | | ·19 | ·01 | 18 |
| 19 | | | ·68 | ·04 | | ·22 | ·13 | ·01 | | | ·10 | ·02 | 19 |
| 20 | | ·16 | | ·04 | | | | | ·28 | ·07 | ·03 | | 20 |
| 21 | | ·02 | | | | ·03 | ·01 | | ·06 | ·01 | ·06 | ·02 | 21 |
| 22 | | ·05 | | | | | | | | 1·16 | ·03 | | 22 |
| 23 | | ·27 | | | ·17 | ·16 | | ·04 | ·29 | ·09 | ·04 | | 23 |
| 24 | | ·21 | | ·18 | ·38 | ·01 | ·06 | | ·23 | ·04 | ·07 | ·06 | 24 |
| 25 | | ·21 | | ·15 | | | | | ·46 | ·40 | ·05 | ·01 | 25 |
| 26 | | ·56 | | ·08 | ·09 | | | | | ·13 | ·18 | ·24 | 26 |
| 27 | ·04 | ·04 | | | ·01 | | ·07 | | ·02 | ·48 | ·19 | ·05 | 27 |
| 28 | ·02 | | | ·03 | | | | ·05 | ·02 | ·17 | | ·12 | 28 |
| 29 | | | | ·12 | ·01 | | ·34 | ·01 | | ·19 | | ·02 | 29 |
| 30 | ·03 | × | | | | | ·06 | | ·10 | ·02 | | ·22 | 30 |
| 31 | ·04 | × | ·06 | × | | × | | ·11 | × | | × | ·04 | 31 |
| TOTAL | 2·01 | 2·18 | 1·89 | ·86 | 1·65 | 1·72 | 1·86 | ·46 | 1·52 | 3·64 | 4·13 | 1·62 | YEAR'S TOTAL 23·54 |
| *Days with ·01 in. or more. | 16 | 16 | 14 | 11 | 16 | 10 | 14 | 10 | 11 | 19 | 24 | 22 | 183 |
| *Days with ·04 in. or more. | 9 | 13 | 10 | 8 | 10 | 7 | 11 | 5 | 6 | 13 | 19 | 14 | 125 |

40-9999

*See Instruction 2 (*f*) on other side.

M

(*Signed*)................................................ [P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* New Winning Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 402·00 ft.

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·08 | · | ·06 | · | · | · | ·02 | ·21 | ·10 | · | · | ·01 | | 1 |
| 2 | ·01 | ·01 | · | · | · | · | · | ·04 | ·14 | · | ·09 | ·29 | | 2 |
| 3 | · | ·03 | · | · | · | · | · | · | · | ·09 | ·07 | ·09 | | 3 |
| 4 | ·01 | · | · | ·07 | · | ·01 | · | · | ·10 | ·18 | ·24 | ·75 | | 4 |
| 5 | · | · | ·06 | ·06 | ·04 | · | · | ·01 | · | · | ·22 | ·56 | | 5 |
| 6 | · | · | · | ·01 | ·33 | ·07 | · | 1·33 | · | ·05 | ·14 | ·24 | | 6 |
| 7 | ·02 | ·03 | ·01 | ·02 | · | ·23 | · | · | ·08 | · | · | ·11 | | 7 |
| 8 | · | · | ·01 | · | · | ·11 | · | · | ·07 | ·11 | · | ·07 | | 8 |
| 9 | · | · | · | ·61 | · | · | · | ·01 | ·03 | ·02 | ·86 | ·01 | | 9 |
| 10 | ·01 | · | ·31 | ·13 | · | · | · | ·35 | · | · | ·49 | ·01 | | 10 |
| 11 | ·11 | · | ·61 | ·66 | · | · | · | ·01 | · | · | ·12 | ·07 | | 11 |
| 12 | · | · | ·35 | ·33 | · | · | ·33 | ·17 | · | · | ·04 | ·23 | | 12 |
| 13 | ·47 | · | ·06 | ·02 | · | · | ·51 | ·11 | ·01 | ·01 | ·18 | ·01 | | 13 |
| 14 | ·15 | · | ·21 | · | ·05 | · | ·37 | · | ·01 | ·01 | ·10 | ·20 | | 14 |
| 15 | · | · | ·01 | ·01 | ·20 | · | · | ·05 | · | ·31 | ·05 | ·10 | | 15 |
| 16 | ·16 | · | ·13 | · | ·06 | ·05 | · | · | ·01 | ·02 | ·10 | ·02 | | 16 |
| 17 | ·05 | · | ·15 | · | · | | ·22 | · | ·18 | ·08 | ·01 | ·23 | | 17 |
| 18 | ·04 | · | ·01 | · | ·39 | ·16 | ·01 | ·04 | · | | · | ·07 | | 18 |
| 19 | | · | ·13 | ·12 | ·02 | ·10 | · | ·01 | · | ·09 | ·02 | ·01 | | 19 |
| 20 | · | · | ·37 | ·01 | ·01 | ·07 | · | ·10 | · | · | · | · | | 20 |
| 21 | ·01 | · | · | · | · | ·42 | | ·01 | ·16 | ·04 | · | · | | 21 |
| 22 | · | · | · | ·03 | · | ·64 | · | ·21 | ·14 | ·10 | · | · | | 22 |
| 23 | · | · | ·04 | ·25 | | | ·26 | · | · | ·14 | ·04 | ·14 | | 23 |
| 24 | · | · | · | · | ·04 | ·25 | ·01 | · | ·06 | ·38 | · | ·11 | | 24 |
| 25 | ·01 | · | · | ·08 | · | · | · | · | ·07 | ·11 | ·02 | ·67 | | 25 |
| 26 | ·03 | ·01 | · | 1·15 | · | ·05 | · | · | ·02 | ·13 | · | ·02 | | 26 |
| 27 | · | ·30 | · | ·08 | · | ·07 | ·03 | · | | ·17 | · | ·13 | | 27 |
| 28 | · | · | · | ·31 | · | ·01 | · | ·21 | · | ·04 | · | ·26 | | 28 |
| 29 | · | × | ·08 | ·01 | · | · | ·08 | ·09 | ·35 | ·15 | · | ·20 | | 29 |
| 30 | ·12 | × | ·16 | | · | · | ·15 | ·03 | ·03 | ·88 | · | ·01 | | 30 |
| 31 | ·08 | × | · | × | · | × | · | ·03 | × | ·01 | × | ·02 | | 31 |
| TOTAL | 1·36 | ·38 | 2·76 | 3·96 | 1·14 | 2·24 | 1·99 | 3·02 | 1·56 | 3·12 | 2·79 | 4·64 | Year's Total 28·96 ✓ | |
| *Days with ·01 in. or more. | 16 | 5 | 18 | 19 | 9 | 14 | 11 | 19 | 17 | 22 | 17 | 28 | 195 ✓ | |
| *Days with .04 in. or more. | 9 | 1 | 14 | 12 | 7 | 12 | 7 | 12 | 11 | 17 | 14 | 19 | 135 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Alfred B. Blackburn

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3530

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Form 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Shotton New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | | 06 | | | | 02 | 21 | 10 | | | 01 | | 1 |
| 2 | 01 | ·01 | | | | | | 04 | 14 | | ·09 | ·29 | | 2 |
| 3 | | ·03 | | | | | | | | ·09 | 07 | 09 | | 3 |
| 4 | 01 | | | 07 | | 01 | | | 10 | 18 | ·24 | 75 | | 4 |
| 5 | | | 06 | 06 | 04 | | | 01 | | | 22 | 56 | | 5 |
| 6 | | | | 01 | 33 | 07 | | 1·33 | | 05 | 14 | 24 | | 6 |
| 7 | 02 | 03 | 01 | 02 | | 23 | | | 08 | | | 11 | | 7 |
| 8 | | | 01 | | | 11 | | | 07 | 11 | | 07 | | 8 |
| 9 | | | | 61 | | | | 01 | 03 | 02 | 86 | 01 | | 9 |
| 10 | 01 | | 31 | 13 | | | | 35 | | | 49 | 01 | | 10 |
| 11 | 11 | | 61 | 66 | | | | 01 | | | 12 | 07 | | 11 |
| 12 | | | 35 | 33 | | | 33 | 17 | | | 04 | 23 | | 12 |
| 13 | 47 | | 06 | 02 | | | 51 | 11 | 01 | 01 | 18 | 01 | | 13 |
| 14 | 15 | | 21 | | 05 | | 37 | | 01 | 01 | 10 | 20 | | 14 |
| 15 | | | 01 | 01 | 20 | | | 05 | | 31 | 05 | 10 | | 15 |
| 16 | 16 | | 13 | | 06 | 05 | | | 01 | 02 | 10 | 02 | | 16 |
| 17 | 05 | | 15 | | | | 22 | | 18 | 08 | 01 | 23 | | 17 |
| 18 | 04 | | 01 | | 39 | 16 | 01 | 04 | | | | 07 | | 18 |
| 19 | | | 13 | 12 | 02 | 10 | | 01 | | 09 | 02 | 01 | | 19 |
| 20 | | | 37 | 01 | 01 | 07 | | 10 | | | | | | 20 |
| 21 | ·01 | | | | | 42 | | 01 | 16 | 04 | | | | 21 |
| 22 | | | | 03 | | 64 | | 21 | 14 | 10 | | | | 22 |
| 23 | | | 04 | 25 | | | ·26 | | | 14 | 04 | 14 | | 23 |
| 24 | | | | | 04 | 25 | ·01 | | 06 | 38 | | 11 | | 24 |
| 25 | 01 | | | 08 | | | | | 07 | 11 | 02 | 67 | | 25 |
| 26 | ·03 | ·01 | | 1·15 | | 05 | | | 02 | 13 | | 02 | | 26 |
| 27 | | 30 | | 08 | | 07 | 03 | | | 17 | | 13 | | 27 |
| 28 | | | | 31 | | 01 | | 21 | | 04 | | 26 | | 28 |
| 29 | | | 08 | 01 | | | 08 | 09 | 35 | 15 | | 20 | | 29 |
| 30 | 12 | × | 16 | | | | 15 | 03 | 03 | 88 | | 01 | | 30 |
| 31 | 08 | × | | × | | × | | 03 | × | 01 | × | 02 | | 31 |
| TOTAL | 1·36 | 38 | 2·76 | 3·96 | 1·14 | 2·24 | 1·99 | 3·02 | 1·56 | 3·12 | 2·79 | 4·64 | Year's Total 28·96 ✓ | |
| *Days with ·01 in. or more. | 16 | 5 | 18 | 19 | 9 | 14 | 11 | 19 | 17 | 22 | 17 | 28 | 195 | |
| *Days with .04 in. or more. | 9 | 1 | 14 | 12 | 7 | 12 | 7 | 12 | 11 | 17 | 14 | 19 | 135 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) ........................................ [P.T.O.

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FORM 1090.

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft · in.

,, Ground ,, Sea Level 402·00 ft.

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·45 | · | ·11 | ·15 | · | · | ·05 | · | ·31 | ·03 | ·04 | ·16 | | 1 |
| 2 | ·01 | · | ·05 | ·20 | · | ·04 | · | · | · | ·69 | ·01 | · | | 2 |
| 3 | · | ·58 | ·18 | ·11 | · | ·19 | · | · | ·26 | · | ·23 | · | | 3 |
| 4 | · | · | ·04 | · | · | ·45 | · | · | · | ·44 | ·09 | · | | 4 |
| 5 | ·22 | ·39 | · | · | · | ·01 | · | · | ·18 | ·20 | ·04 | · | | 5 |
| 6 | ·20 | ·03 | · | · | · | ·10 | · | · | · | ·25 | · | · | | 6 |
| 7 | ·31 | · | · | ·06 | · | ·54 | · | · | · | ·19 | ·84 | ·09 | | 7 |
| 8 | · | ·01 | · | ·16 | · | ·03 | · | · | · | ·02 | ·04 | ·06 | | 8 |
| 9 | ·01 | ·01 | ·01 | ·27 | ·03 | ·04 | · | · | · | ·32 | ·25 | ·04 | | 9 |
| 10 | · | ·07 | · | ·04 | · | ·18 | · | · | · | ·06 | ·09 | · | | 10 |
| 11 | ·07 | ·02 | · | ·01 | ·02 | ·02 | · | ·13 | · | · | ·05 | ·07 | | 11 |
| 12 | · | ·01 | · | · | ·01 | ·04 | · | · | ·01 | · | · | ·01 | | 12 |
| 13 | ·09 | · | · | ·07 | ·28 | ·02 | ·06 | · | ·07 | · | · | ·06 | | 13 |
| 14 | · | · | ·01 | ·04 | ·21 | ·10 | ·51 | · | ·02 | ·01 | ·30 | ·08 | | 14 |
| 15 | · | ·02 | · | ·40 | ·13 | ·01 | · | · | ·07 | ·09 | ·06 | ·18 | | 15 |
| 16 | · | ·37 | ·12 | ·24 | ·18 | ·01 | ·07 | ·15 | ·24 | · | ·32 | ·08 | | 16 |
| 17 | · | · | · | ·25 | ·04 | ·16 | · | · | · | ·04 | 1·38 | ·25 | | 17 |
| 18 | ·06 | · | · | ·01 | ·01 | ·11 | ·02 | ·04 | ·06 | ·14 | ·14 | ·02 | | 18 |
| 19 | ·07 | ·09 | · | ·02 | · | ·26 | ·17 | · | · | ·01 | ·02 | · | | 19 |
| 20 | ·01 | ·20 | · | ·25 | · | ·15 | · | · | · | · | ·10 | · | | 20 |
| 21 | · | ·22 | ·01 | ·20 | · | · | · | · | 2·07 | ·49 | ·16 | · | | 21 |
| 22 | · | ·36 | ·03 | ·01 | · | · | · | · | · | · | ·03 | · | | 22 |
| 23 | ·04 | · | ·05 | · | · | · | · | ·15 | · | ·10 | ·03 | · | | 23 |
| 24 | ·06 | ·62 | ·09 | ·04 | · | · | · | · | 1·16 | · | · | ·27 | | 24 |
| 25 | ·16 | ·02 | · | · | · | ·03 | · | · | · | · | ·02 | ·12 | | 25 |
| 26 | ·25 | · | · | ·03 | · | ·01 | ·07 | ·97 | ·32 | ·15 | ·01 | ·31 | | 26 |
| 27 | ·13 | ·03 | · | · | · | ·02 | ·03 | · | ·17 | ·09 | ·14 | ·27 | | 27 |
| 28 | ·04 | ·07 | ·02 | · | · | · | · | ·04 | ·04 | ·28 | ·02 | ·01 | | 28 |
| 29 | ·01 | × | ·20 | · | · | ·02 | · | ·10 | ·07 | ·11 | ·02 | ·13 | | 29 |
| 30 | · | × | ·01 | · | · | ·32 | · | ·03 | ·66 | ·27 | ·23 | ·01 | | 30 |
| 31 | · | × | · | × | · | × | · | · | × | ·01 | × | ·23 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·19 | 3·14 | ·93 | 2·56 | ·91 | 2·86 | ·98 | 1·61 | 5·71 | 4·29 | 4·66 | 2·45 | 32·29 | |
| *Days with ·01 in. or more. | 18 | 18 | 14 | 20 | 9 | 24 | 8 | 8 | 16 | 22 | 26 | 20 | 203 | |
| *Days with .04 in. or more. | 14 | 11 | 8 | 15 | 6 | 14 | 6 | 7 | 14 | 17 | 18 | 16 | 145 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) Alfred Br. Blackburn

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Shotton New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Inf

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·45 | | ·11 | ·15 | | | ·05 | | ·31 | ·03 | ·04 | ·16 | | 1 |
| 2 | ·01 | | ·05 | ·20 | | ·04 | | | | ·69 | ·01 | | | 2 |
| 3 | | ·58 | ·18 | ·11 | | ·19 | | | ·26 | | ·23 | | | 3 |
| 4 | | | ·04 | | | ·45 | | | | ·74 | ·09 | | | 4 |
| 5 | ·22 | ·39 | | | | ·01 | | | ·18 | ·20 | ·04 | | | 5 |
| 6 | ·20 | ·03 | | | | ·10 | | | | ·25 | | | | 6 |
| 7 | ·31 | | | ·06 | | ·54 | | | | ·19 | ·84 | ·09 | | 7 |
| 8 | | ·01 | | ·16 | | ·03 | | | | ·02 | ·04 | ·06 | | 8 |
| 9 | ·01 | ·01 | ·01 | ·27 | ·03 | ·04 | | | | ·32 | ·25 | ·04 | | 9 |
| 10 | | ·07 | | ·04 | | ·18 | | | | ·06 | ·09 | | | 10 |
| 11 | ·07 | ·02 | | ·01 | ·02 | ·02 | | ·13 | | | ·05 | ·07 | | 11 |
| 12 | | ·01 | | | ·01 | ·04 | | | ·01 | | | ·01 | | 12 |
| 13 | ·09 | | | ·07 | ·28 | ·02 | ·06 | | ·07 | | | ·06 | | 13 |
| 14 | | | ·01 | ·04 | ·21 | ·10 | ·51 | | ·02 | ·01 | ·30 | ·08 | | 14 |
| 15 | | ·02 | | ·40 | ·13 | ·01 | | | ·07 | ·09 | ·06 | ·18 | | 15 |
| 16 | | ·37 | ·12 | ·24 | ·18 | ·01 | ·07 | ·15 | ·24 | | ·32 | ·08 | | 16 |
| 17 | | | | ·25 | ·04 | ·16 | | | | ·04 | 1·38 | ·25 | | 17 |
| 18 | ·06 | | | ·01 | ·01 | ·11 | ·02 | ·04 | ·06 | ·14 | ·14 | ·02 | | 18 |
| 19 | ·07 | ·09 | | ·02 | | ·26 | ·17 | | | ·01 | ·02 | | | 19 |
| 20 | ·01 | ·20 | | ·25 | | ·15 | | | | | ·10 | | | 20 |
| 21 | | ·22 | ·01 | ·20 | | | | | 2·07 | ·49 | ·16 | | | 21 |
| 22 | | ·36 | ·03 | ·01 | | | | | | | ·03 | | | 22 |
| 23 | ·04 | | ·05 | | | | | ·15 | | ·10 | ·03 | | | 23 |
| 24 | ·06 | ·62 | ·09 | ·04 | | | | | 1·16 | | | ·27 | | 24 |
| 25 | ·16 | ·02 | | | | ·03 | | | | | ·02 | ·12 | | 25 |
| 26 | ·25 | | | ·03 | | ·01 | ·07 | ·97 | ·32 | ·15 | ·01 | ·31 | | 26 |
| 27 | ·13 | ·05 | | | | ·02 | ·03 | | ·17 | ·09 | ·14 | ·27 | | 27 |
| 28 | ·04 | ·07 | ·02 | | | | | ·04 | ·04 | ·28 | ·02 | ·01 | | 28 |
| 29 | ·01 | | ·20 | | | ·02 | | ·10 | ·07 | ·11 | ·02 | ·13 | | 29 |
| 30 | | × | ·01 | | | ·32 | | ·03 | ·66 | ·27 | ·23 | ·01 | | 30 |
| 31 | | × | | × | | × | | | × | ·01 | × | ·23 | | 31 |
| TOTAL | 2·19 | 3·14 | ·93 | 2·56 | ·91 | 2·86 | ·98 | 1·61 | 5·71 | 4·29 | 4·66 | 2·45 | Year's Total<br>32·29 | |
| *Days with ·01 in. or more. | 18 | 18 | 14 | 20 | 9 | 24 | 8 | 8 | 16 | 22 | 26 | 20 | 203 | |
| *Days with ·04 in. or more. | 14 | 11 | 8 | 15 | 5 | 14 | 6 | 7 | 14 | 17 | 18 | 16 | 145 | |

40-9999

*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) A. B. E. Blackburn Esq. C.E.

[P.T.O.

49 Travelling forms A.B.E. Blackburn Esq. C.E. (Sunderland & S.S. [illegible])

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Shotton, New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft . in.

,, Ground ,, Sea Level 402.00 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·23 | ·10 | ·25 | | | ·05 | ·05 | ·33 | ·20 | ·02 | ·03 | · | | 1 |
| 2 | ·02 | ·02 | ·06 | | | ·13 | ·24 | ·05 | · | · | ·06 | ·02 | | 2 |
| 3 | | ·05 | ·01 | | | 1·73 | ·34 | | ·21 | · | · | | | 3 |
| 4 | ·23 | | ·06 | ·01 | ·03 | ·07 | | ·23 | ·10 | ·05 | ·08 | ·04 | | 4 |
| 5 | ·09 | | | | ·01 | ·03 | | ·11 | ·01 | ·04 | ·04 | · | | 5 |
| 6 | ·05 | | | ·04 | ·02 | | ·01 | ·93 | ·55 | ·01 | ·13 | · | | 6 |
| 7 | ·16 | | ·01 | | | | ·61 | | ·06 | · | ·02 | ·03 | | 7 |
| 8 | ·14 | | ·11 | | ·01 | | | | ·01 | ·08 | ·02 | · | | 8 |
| 9 | ·61 | ·01 | ·44 | | ·09 | ·01 | | | · | ·14 | ·11 | · | | 9 |
| 10 | ·09 | | ·01 | ·01 | | ·01 | ·11 | | · | ·03 | ·01 | · | | 10 |
| 11 | | | ·02 | ·13 | | | ·25 | ·04 | ·01 | · | ·84 | · | | 11 |
| 12 | | | | ·25 | ·10 | ·15 | ·03 | ·06 | ·18 | · | ·54 | ·03 | | 12 |
| 13 | | | | ·22 | | ·09 | ·29 | | · | ·08 | ·04 | ·64 √ | | 13 |
| 14 | | | | ·16 | | ·24 | ·05 | ·04 | ·02 | ·01 | ·02 | ·68 | | 14 |
| 15 | ·02 | | | ·37 | | ·02 | ·20 | ·18 | · | | ·16 | ·04 √ | | 15 |
| 16 | ·08 | | | ·02 | | ·03 | ·01 | | · | | ·38 | ·02 | | 16 |
| 17 | ·02 | ·50 | | | ·09 | | ·17 | ·04 | · | ·04 | ·44 | ·01 √ | | 17 |
| 18 | | ·12 | | ·10 | | | | ·04 | ·01 | ·02 | · | · | | 18 |
| 19 | ·65 | ·31 | | | | | ·18 | ·01 | · | ·05 | · | ·02 | | 19 |
| 20 | ·17 | ·16 | | ·01 | ·06 | ·02 | ·09 | | · | ·01 | · | · | | 20 |
| 21 | ·06 | | ·04 | ·01 | | | ·01 | | · | · | · | ·04 | | 21 |
| 22 | | ·41 | ·03 | | ·07 | ·12 | ·01 | | · | · | · | · | | 22 |
| 23 | | | ·01 | ·09 | ·11 | | ·61 | | · | · | · | · | | 23 |
| 24 | ·03 | ·17 | ·01 | ·04 | 1·19 | | | | ·46 | ·20 | · | · | | 24 |
| 25 | ·29 | | ·07 | | ·01 | | ·02 | | ·48 | · | · | · | | 25 |
| 26 | ·02 | ·08 | ·81 | | | | ·02 | | ·12 | ·42 | ·02 | · | | 26 |
| 27 | ·03 | ·02 | ·05 | | | | | | ·19 | ·09 | ·02 | · | | 27 |
| 28 | ·27 | ·75 | ·02 | | | | ·03 | | · | · | ·03 | · | | 28 |
| 29 | ·73 | ·88 | ·11 | | ·18 | ·67 | ·04 | | · | ·06 | ·21 | · | | 29 |
| 30 | ·02 | × | | | ·05 | ·14 | ·45 | | ·01 | ·19 | · | · | | 30 |
| 31 | | × | ·02 | × | ·06 | × | | | × | · | × | ·08 | | 31 |
| TOTAL | 4·01 | 3·58 | 2·14 | 1·46 | 2·08 | 3·51 | 3·82 | 2·06 | 2·62 | 1·60 | 3·26 | 1·44 | Year's Total. 31·88 ✓ | |
| * Days with .01 in. or more. | 22 | 14 | 19 | 14 | 15 | 16 | 23 | 12 | 16 | 18 | 20 | 12 | 201 | |
| * Days with .04 in. or more. | 15 | 11 | 10 | 9 | 10 | 10 | 15 | 11 | 10 | 12 | 12 | 6 | 131 | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) A. B. E. Blackburn Esq. C.E. [P.T.O.

49

Travelling form

(Sunderland + S. Shields [illegible])

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

*Kept at* Shotton (New Winning P.S.)
*in the County of* Durham
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 402.00 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following: ✓

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·02 | ·02 | ·10 | · | · | ·06 | · | ·01 | ·17 | ·01 | ·01 | ·22 | | 1 |
| 2 | · | ·07 | ·01 | ·34 | · | ·05 | · | · | · | · | · | ·16 | | 2 |
| 3 | | ·05 | · | ·05 | · | ·23 | ·95 | · | ·02 | · | · | ·12 | | 3 |
| 4 | ·07 | · | ·08 | ·04 | ·26 | · | ·03 | ·11 | ·02 | · | · | ·13 | | 4 |
| 5 | ·01 | | ·03 | ·01 | ·11 | ·01 | ·05 | · | ·07 | ·02 | · | ·48 | | 5 |
| 6 | · | · | ·13 | ·02 | ·11 | · | ·01 | ·02 | | · | ·14 | ·16 | | 6 |
| 7 | · | ·26 | ·13 | ·05 | · | ·03 | ·06 | | · | ·01 | · | ·25 | | 7 |
| 8 | · | ·41 | ·15 | ·01 | · | ·01 | ·10 | ·02 | · | · | ·07 | ·24 | | 8 |
| 9 | | · | ·38 | ·09 | ·01 | · | ·20 | ·09 | · | · | ·42 | ·34 | | 9 |
| 10 | | ·04 | · | · | ·21 | ·01 | ·11 | · | ·03 | ·01 | ·33 | ·27 | | 10 |
| 11 | | | ·83 | ·31 | ·13 | · | · | · | ·03 | ·02 | ·01 | ·58 | | 11 |
| 12 | ·07 | ·14 | ·42 | ·09 | ·05 | · | ·01 | ·02 | ·05 | · | · | ·36 | | 12 |
| 13 | · | ·16 | ·05 | ·08 | ·06 | ·08 | · | · | ·02 | · | · | ·19 | | 13 |
| 14 | · | · | ·12 | ·01 | ·01 | ·38 | · | ·66 | ·01 | · | · | 1·06 | | 14 |
| 15 | ·10 | ·50 | ·02 | ·23 | · | · | · | · | ·06 | · | · | ·12 | | 15 |
| 16 | ·09 | ·03 | ·18 | ·54 | · | ·05 | · | ·02 | · | · | · | ·56 | | 16 |
| 17 | ·14 | ·02 | ·12 | ·10 | · | ·03 | · | · | 1·04 | · | · | ·09 | | 17 |
| 18 | ·10 | ·07 | ·11 | | · | ·17 | ·06 | ·03 | ·01 | · | ·14 | · | | 18 |
| 19 | ·01 | ·03 | · | ·10 | · | ·01 | · | ·09 | ·01 | · | ·87 | · | | 19 |
| 20 | ·09 | · | ·04 | ·03 | ·87 | · | ·01 | ·01 | ·03 | · | · | ·02 | | 20 |
| 21 | | · | ·07 | ·04 | ·18 | · | ·25 | · | · | ·01 | · | ·11 | | 21 |
| 22 | ·03 | · | ·08 | · | ·01 | · | · | · | · | ·15 | ·23 | ·01 | | 22 |
| 23 | ·49 | · | ·02 | · | ·53 | · | ·09 | · | · | ·71 | ·15 | · | | 23 |
| 24 | ·29 | ·01 | ·01 | · | ·02 | · | ·27 | · | ·10 | ·22 | ·01 | · | | 24 |
| 25 | ·23 | ·27 | | · | · | · | ·03 | ·11 | · | ·23 | · | | | 25 |
| 26 | ·04 | ·15 | ·10 | | ·47 | · | · | · | ·02 | · | ·01 | | | 26 |
| 27 | · | ·64 | ·15 | ·10 | · | · | ·02 | · | · | ·33 | ·03 | ·02 | | 27 |
| 28 | ·12 | ·08 | ·05 | · | · | ·01 | · | · | · | ·12 | · | ·01 | | 28 |
| 29 | ·14 | × | ·01 | · | · | · | · | · | · | ·05 | ·02 | ·05 | | 29 |
| 30 | ·20 | × | | · | · | ·14 | · | · | · | ·05 | ·09 | ·04 | | 30 |
| 31 | ·59 | × | | × | ·01 | × | · | ·02 | × | ·29 | × | ·05 | | 31 |
| TOTAL | 2·83 | 2·95 | 3·38 | 2·24 | 3·04 | 1·27 | 2·25 | 1·21 | 1·69 | 2·23 | 2·53 | 6·04 | Year's Total 30·66 | |
| * Days with .01 in. or more. | 19 | 18 | 25 | 19 | 16 | 15 | 16 | 13 | 16 | 15 | 15 | 25 | 212 | |
| * Days with .04 in. or more. | 15 | 13 | 19 | 14 | 11 | 8 | 10 | 5 | 6 | 9 | 9 | 21 | 140 | |

P.P. SUNDERLAND & SOUTH SHIELDS WATER Co.

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred. B. Blackburn [P.T.O.

49

Travelling Form - Sunderland [illegible]

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Shotton, New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 402.00 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·04 | · | · | · | · | 1.88 | ·22 | · | ·33 | · | ·06 | ·16 | | 1 |
| 2 | ·28 | · | · | · | · | ·33 | ·37 | · | ·07 | ·25 | ·17 | ·07 | | 2 |
| 3 | ·05 | · | · | · | · | ·01 | · | · | ·09 | ·71 | ·12 | · | | 3 |
| 4 | ·09 | · | · | ·02 | · | ·03 | ·12 | · | · | ·12 | · | ·33 | | 4 |
| 5 | · | ·03 | ·01 | · | · | · | ·07 | ·43 | ·01 | ·01 | · | ·01 | | 5 |
| 6 | ·04 | · | ·02 | · | · | ·08 | ·56 | · | ·02 | ·10 | · | ·01 | | 6 |
| 7 | · | · | · | · | · | · | ·28 | ·01 | ·20 | ·32 | · | · | | 7 |
| 8 | ·13 | · | · | · | · | · | ·37 | ·01 | ·01 | ·50 | ·15 | ·09 | | 8 |
| 9 | ·19 | ·06 | · | · | ·03 | ·06 | ·01 | · | ·01 | · | · | ·34 | | 9 |
| 10 | ·02 | ·01 | · | · | · | ·13 | ·02 | · | ·02 | · | · | ·02 | | 10 |
| 11 | · | | · | · | ·03 | ·07 | ·01 | · | · | ·01 | ·07 | ·08 | | 11 |
| 12 | ·11 | ·35 | · | · | ·07 | · | · | | · | ·33 | ·08 | · | | 12 |
| 13 | ·04 | ·13 | · | · | ·01 | · | ·01 | ·01 | ·14 | · | ·31 | ·20 | | 13 |
| 14 | ·22 | ·02 | · | · | ·02 | · | · | · | · | · | · | ·07 | | 14 |
| 15 | ·12 | ·06 | ·01 | · | · | · | ·22 | ·17 | · | ·08 | · | ·22 | | 15 |
| 16 | ·16 | ·03 | ·02 | · | ·35 | · | ·55 | ·04 | ·17 | · | ·04 | ·33 | | 16 |
| 17 | · | · | · | · | ·30 | · | ·01 | ·08 | ·03 | ·33 | ·01 | ·01 | | 17 |
| 18 | · | ·05 | · | · | ·06 | · | · | · | ·13 | ·07 | ·31 | ·06 | | 18 |
| 19 | · | · | · | · | ·02 | ·03 | · | ·19 | ·06 | · | · | ·17 | | 19 |
| 20 | · | · | ·01 | · | · | ·01 | · | ·10 | ·14 | · | ·24 | ·04 | | 20 |
| 21 | · | · | ·09 | · | · | · | · | ·02 | · | · | ·01 | ·07 | | 21 |
| 22 | · | · | · | · | · | ·06 | · | · | · | · | ·28 | ·19 | | 22 |
| 23 | · | ·01 | · | ·01 | ·14 | ·09 | · | · | ·05 | · | ·15 | ·08 | | 23 |
| 24 | ·04 | · | ·02 | · | ·06 | ·01 | · | ·36 | ·23 | ·03 | ·02 | ·02 | | 24 |
| 25 | ·01 | · | ·01 | · | ·12 | · | ·02 | ·06 | · | ·37 | ·24 | ·12 | | 25 |
| 26 | · | ·57 | ·05 | · | · | ·02 | · | · | ·11 | ·19 | · | · | | 26 |
| 27 | ·03 | ·05 | · | ·04 | ·38 | ·11 | ·20 | ·16 | ·04 | ·26 | ·06 | ·02 | | 27 |
| 28 | ·08 | · | · | ·02 | ·65 | ·32 | · | ·07 | ·06 | ·01 | · | ·01 | | 28 |
| 29 | ·04 | ✗ | · | ·03 | ·56 | · | ·03 | · | · | · | ·07 | ·03 | | 29 |
| 30 | ·06 | | · | · | ·18 | ·01 | ·01 | · | ·20 | ·01 | ·17 | · | | 30 |
| 31 | ·10 | | · | | ·19 | | · | · | | ·07 | | ·26 | | 31 |
| TOTAL | 1.85 | 1.37 | ·24 | ·12 | 3.17 | 3.25 | 3.08 | 1.84 | 2.12 | 3.77 | 2.56 | 3.01 | Year's Total 26.38 | |
| * Days with .01 in. or more. | 20 | 12 | 9 | 5 | 17 | 17 | 18 | 15 | 21 | 19 | 19 | 26 | 198 | |
| * Days with .04 in. or more. | 17 | 7 | 2 | 1 | 12 | 10 | 10 | 11 | 15 | 14 | 16 | 18 | 133 | |

† Spare column, no entries required.

*(Signed)* Alfred [illegible] Blackburn

P.T.O.

* See Instruction 3 (f) on other side.

49 Travelling Form

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Fo 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Shotton New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 402.00 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·38 | · | ·01 | ·05 | · | · | ·06 | ·03 | ·02 | ·23 | ·11 | · | | 1 |
| 2 | ·11 | ·01 | · | ·07 | · | · | ·02 | ·52 | ·88 | ·14 | ·18 | · | | 2 |
| 3 | · | · | ·02 | ·28 | · | · | · | ·33 | · | ·06 | ·26 | ·05 | | 3 |
| 4 | ·02 | · | ·24 | ·08 | · | · | ·18 | · | ·52 | ·01 | ·24 | ·10 | | 4 |
| 5 | · | · | · | · | · | · | ·12 | ·72 | · | ·24 | ·44 | ·21 | | 5 |
| 6 | ·20 | · | · | · | ·35 | · | ·24 | · | · | ·02 | ·01 | ·01 | | 6 |
| 7 | ·02 | ·03 | ·04 | · | ·17 | · | · | · | · | ·24 | ·02 | ·12 | | 7 |
| 8 | ·08 | ·02 | ·06 | ·16 | · | · | ·10 | · | · | · | ·03 | ·35 | | 8 |
| 9 | ·16 | ·03 | · | ·01 | · | · | ·19 | ·04 | ·05 | 1·18 | · | ·14 | | 9 |
| 10 | ·29 | · | · | · | · | ·15 | · | ·03 | ·10 | ·03 | ·01 | · | | 10 |
| 11 | ·69 | · | ·31 | · | · | ·10 | · | ·02 | ·08 | ·01 | ·01 | ·05 | | 11 |
| 12 | · | ·03 | · | · | · | ·04 | ·03 | · | · | 2·06 | ·02 | ·01 | | 12 |
| 13 | ·02 | · | ·05 | ·11 | · | · | · | · | ·02 | ·06 | ·02 | · | | 13 |
| 14 | ·14 | · | ·03 | · | ·10 | ·40 | ·12 | · | ·05 | ·54 | ·30 | ·01 | | 14 |
| 15 | ·23 | · | · | · | ·02 | ·22 | ·08 | · | ·01 | ·19 | · | ·02 | | 15 |
| 16 | ·08 | · | ·06 | · | ·54 | · | ·35 | · | · | · | ·04 | · | | 16 |
| 17 | ·20 | · | · | ·08 | ·06 | · | ·10 | · | ·02 | · | · | · | | 17 |
| 18 | ·67 | · | ·06 | · | · | ·38 | ·12 | · | ·05 | ·08 | 1·15 | · | | 18 |
| 19 | ·16 | · | ·01 | · | · | ·29 | · | · | ·03 | · | · | ·05 | | 19 |
| 20 | ·01 | · | · | · | ·01 | ·01 | ·02 | ·25 | ·04 | · | · | ·05 | | 20 |
| 21 | ·08 | ·17 | ·02 | ·07 | ·02 | ·01 | · | ·19 | ·04 | · | · | · | | 21 |
| 22 | ·36 | ·12 | · | · | · | · | ·02 | · | ·05 | · | ·01 | ·01 | | 22 |
| 23 | ·05 | ·01 | ·13 | ·07 | · | ·23 | ·02 | · | ·03 | · | · | · | | 23 |
| 24 | · | ·02 | ·09 | ·36 | ·02 | ·04 | · | ·06 | · | · | · | · | | 24 |
| 25 | ·18 | · | ·10 | ·02 | · | · | · | ·01 | · | ·02 | ·04 | ·07 | | 25 |
| 26 | ·04 | ·02 | ·09 | · | · | ·09 | · | ·02 | ·04 | ·72 | · | ·01 | | 26 |
| 27 | ·14 | ·20 | ·80 | · | · | ·04 | ·06 | ·02 | · | ·09 | · | · | | 27 |
| 28 | ·16 | ·15 | ·67 | ·05 | · | ·13 | ·18 | · | · | ·02 | ·29 | ·09 | | 28 |
| 29 | ·01 | × | ·01 | · | | · | ·26 | · | · | ·49 | · | ·01 | | 29 |
| 30 | ·06 | × | · | ·03 | · | ·20 | ·08 | · | · | ·10 | ·11 | · | | 30 |
| 31 | · | × | · | × | · | × | ·04 | · | × | ·06 | × | | | 31 |
| TOTAL | 4·82 | ·81 | 2·79 | 1·44 | 1·29 | 2·33 | 2·39 | 2·24 | 2·03 | 6·62 | 3·32 | 1·36 | Year's Total 31·44 | |
| * Days with .01 in. or more. | 26 | 12 | 19 | 14 | 9 | 15 | 21 | 13 | 14 | 22 | 19 | 18 | 205 | |
| * Days with .04 in. or more. | 21 | 4 | 13 | 11 | 5 | 13 | 16 | 7 | 11 | 16 | 11 | 11 | 139 | |

† Spare column, no entries required.

(*Signed*) Alfred B. E. Blackburn

* See Instruction 3 (f) on other side.

P.T.O.

49 T.F. A.F. E. Blackburn, [illegible]

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3530

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Shotton, New Winning P.S.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 402·00 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | ·10 | · | ·04 | · | · | · | · | · | · | · | · | | 1 |
| 2 | ·01 | · | · | ·08 | · | · | ·01 | · | · | · | ·11 | ·06 | | 2 |
| 3 | ·08 | ·14 | · | ·06 | · | · | ·06 | · | · | ·05 | ·05 | ·05 | | 3 |
| 4 | · | ·26 | · | ·08 | · | · | ·17 | · | · | ·02 | ·43 | ·08 | | 4 |
| 5 | · | ·02 | · | · | ·24 | · | ·09 | · | · | ·06 | ·06 | ·15 | | 5 |
| 6 | ·07 | ·04 | · | · | · | · | ·01 | · | · | ·53 | ·10 | ·35 | | 6 |
| 7 | ·03 | ·32 | · | ·05 | · | · | ·11 | ·08 | ·18 | ·01 | · | ·01 | | 7 |
| 8 | · | ·01 | · | · | · | ·26 | ·27 | ·15 | ·12 | ·14 | ·02 | ·13 | | 8 |
| 9 | · | · | ·33 | · | · | · | ·40 | ·02 | · | ·05 | ·56 | ·06 | | 9 |
| 10 | · | · | ·03 | · | · | ·19 | 1·02 | ·12 | ·02 | · | ·09 | · | | 10 |
| 11 | · | ·20 | ·08 | · | · | ·01 | ·38 | · | ·02 | · | ·26 | ·01 | | 11 |
| 12 | · | ·03 | ·77 | · | · | · | · | · | ·12 | · | · | · | | 12 |
| 13 | · | ·15 | ·11 | · | · | · | ·04 | · | ·15 | ·01 | ·07 | · | | 13 |
| 14 | · | · | ·01 | ·02 | ·09 | · | ·29 | · | ·02 | ·02 | · | ·22 | | 14 |
| 15 | ·05 | · | · | · | ·17 | ·06 | · | · | · | · | ·12 | ·01 | | 15 |
| 16 | ·04 | · | · | · | · | ·01 | ·63 | · | ·86 | ·42 | ·03 | ·01 | | 16 |
| 17 | · | · | ·15 | · | · | · | 1·58 | · | · | ·28 | ·52 | · | | 17 |
| 18 | · | ·10 | ·14 | ·41 | · | · | ·15 | ·25 | ·09 | · | ·81 | ·12 | | 18 |
| 19 | · | ·04 | · | ·09 | · | ·03 | ·14 | ·01 | · | ·01 | ·23 | ·07 | | 19 |
| 20 | · | ·03 | ·02 | ·11 | · | · | ·01 | ·54 | ·04 | · | ·02 | · | | 20 |
| 21 | ·05 | · | ·09 | ·02 | · | ·40 | ·02 | ·08 | · | ·15 | ·45 | · | | 21 |
| 22 | ·34 | ·01 | ·04 | · | ·09 | ·12 | · | ·08 | ·15 | ·54 | · | · | | 22 |
| 23 | ·01 | ·08 | ·02 | ·25 | ·03 | · | ·05 | · | · | ·17 | ·08 | ·04 | | 23 |
| 24 | ·15 | ·03 | · | ·07 | ·24 | | ·01 | · | ·03 | ·10 | – | ·24 | | 24 |
| 25 | ·03 | · | ·01 | · | ·07 | · | ·22 | · | · | ·05 | · | ·01 | | 25 |
| 26 | ·41 | ·02 | · | · | ·12 | · | ·07 | ·10 | ·03 | ·07 | ·02 | · | | 26 |
| 27 | ·02 | ·05 | · | ·15 | · | · | · | · | · | ·07 | · | ·01 | | 27 |
| 28 | ·03 | ·82 | · | ·02 | ·03 | · | · | ·04 | ·03 | · | ·04 | · | | 28 |
| 29 | ·02 | · | ·23 | ·01 | ·01 | ·07 | ·06 | | ·01 | · | ·02 | ·15 | | 29 |
| 30 | ·24 | ✕ | · | · | · | · | · | · | · | ·45 | · | ·85 | | 30 |
| 31 | ·67 | ✕ | ·03 | ✕ | · | ✕ | · | · | ✕ | ·32 | ✕ | ·36 | | 31 |
| TOTAL | 2·28 | 2·45 | 2·06 | 1·46 | 1·09 | 1·15 | 5·79 | 1·47 | 1·84 | 3·52 | 4·09 | 2·99 | Year's Total 30·22 | |
| * Days with .01 in. or more. | 17 | 19 | 15 | 15 | 10 | 9 | 23 | 11 | 15 | 21 | 21 | 21 | 197 | |
| * Days with .04 in. or more. | 10 | 12 | 9 | 11 | 7 | 6 | 18 | 9 | 8 | 16 | 16 | 15 | 134 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Alfred E. Blackburn.

P.T.O.

3531

3531

Mill Hill Reservoir

1931 — 40

780701

**Section** A for the entry o

AIR MINISTR

FORM 1090.

**REGIS**

*Kept at* Mill Hill

*in the County of* Du

Diameter of Funnel of Gauge

Height of top of Gauge above Grour

,, Ground ,, Sea I

**THE MORNING MEASU**

*An observer who does not conform to … llowing year in the space on the right of th*

FOR OFFICIAL USE.

ORGANIZATION.

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | ·02 | ·14 | | | ·05 | | ·01 | ·27 | ·01 | | ·01 | 1 |
| 2 | | ·06 | ·01 | ·61 | | ·85 | | | ·87 | ·07 | | ·14 | 2 |
| 3 | ·02 | ·01 | ·06 | ·07 | | ·06 | ·09 | | ·78 | | ·22 | ·20 | 3 |
| 4 | ·09 | ·10 | | | | ·05 | ·03 | | 2·42 | | | | 4 |
| 5 | | | | | ·05 | ·40 | ·23 | ·17 | ·02 | | ·03 | ·20 | 5 |
| 6 | | ·03 | ·03 | | | ·42 | ·37 | ·22 | ·03 | ·06 | | | 6 |
| 7 | | | ·02 | | ·06 | ·03 | | ·08 | | | ·05 | | 7 |
| 8 | ·06 | ·02 | ·07 | ·05 | ·12 | ·14 | ·74 | ·15 | | | ·05 | | 8 |
| 9 | ·01 | ·13 | ·12 | ·15 | ·04 | ·06 | | ·15 | | | ·35 | ·05 | 9 |
| 10 | ·01 | | ·08 | | ·11 | ·13 | ·01 | ·08 | | | ·13 | | 10 |
| 11 | ·04 | ·11 | | | | ·01 | ·02 | | ·01 | | ·01 | | 11 |
| 12 | ·05 | | | | | | 1·36 | ·03 | | ·22 | | | 12 |
| 13 | ·03 | | ·09 | | ·05 | | | ·05 | | | | | 13 |
| 14 | ·06 | ·06 | ·02 | ·03 | ·02 | ·52 | ·13 | ·68 | | | ·05 | ·02 | 14 |
| 15 | | ·09 | | ·23 | ·05 | ·02 | ·10 | ·02 | ·03 | | ·04 | ·03 | 15 |
| 16 | | ·18 | | ·09 | | ·03 | ·04 | ·44 | ·09 | | | | 16 |
| 17 | | ·05 | | ·36 | | ·11 | ·16 | ·30 | | ·03 | ·01 | | 17 |
| 18 | ·20 | ·04 | ·01 | ·26 | | ·14 | ·16 | | | | ·62 | | 18 |
| 19 | ·05 | ·03 | | ·04 | | ·15 | ·03 | ·44 | ·05 | ·06 | ·01 | | 19 |
| 20 | | ·03 | | ·05 | ·02 | ·02 | | | ·05 | | ·02 | | 20 |
| 21 | ·02 | | | ·03 | | | | ·05 | ·03 | | | | 21 |
| 22 | ·14 | ·03 | ·03 | ·14 | ·23 | ·02 | ·04 | | ·02 | | | | 22 |
| 23 | ·12 | ·02 | | ·08 | ·12 | ·31 | ·01 | | ·12 | ·06 | ·23 | ·03 | 23 |
| 24 | | ·01 | | ·05 | ·44 | | ·07 | ·06 | ·04 | ·14 | ·01 | | 24 |
| 25 | | ·01 | | ·17 | ·06 | | ·18 | | | | ·05 | | 25 |
| 26 | | | | ·11 | ·02 | | ·25 | | | | ·28 | | 26 |
| 27 | ·03 | | | ·24 | | | ·03 | | | ·09 | ·10 | | 27 |
| 28 | ·17 | ·02 | ·02 | ·12 | ·63 | | | | ·02 | | | | 28 |
| 29 | ·53 | | ·02 | | ·10 | | ·30 | | | ·44 | ·01 | ·29 | 29 |
| 30 | ·21 | ✕ | | | ·49 | ·03 | | | | | | | 30 |
| 31 | ·15 | ✕ | | ✕ | ·10 | ✕ | ·04 | | ✕ | ·03 | ✕ | | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 1·99 | 1·05 | ·72 | 2·88 | 2·71 | 3·55 | 4·39 | 2·93 | 4·85 | 1·21 | 2·27 | ·97 | 29·52 |
| *Days with ·01 in. or more. | 19 | 20 | 14 | 19 | 18 | 21 | 22 | 16 | 16 | 11 | 19 | 9 | 204 |
| *Days with ·04 in. or more. | 13 | 9 | 6 | 17 | 15 | 14 | 16 | 13 | 9 | 8 | 12 | 5 | 137 |

40-9999

*See Instruction 2 (*f*) on other side

(Signed) Alfred. B. Blackley

P.T.O.

**Section** **A** for the entry o

3551

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Mill Hill Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 520·91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | ·02 | ·14 | | | ·05 | | ·01 | ·27 | ·01 | | ·01 | 1 |
| 2 | | ·06 | ·01 | ·61 | | ·85 | | | ·87 | ·07 | | ·14 | 2 |
| 3 | ·02 | ·01 | ·06 | ·07 | | ·06 | ·09 | | ·78 | | ·22 | ·20 | 3 |
| 4 | ·09 | ·10 | | | | ·05 | ·03 | | 2·42 | | | | 4 |
| 5 | | | | | ·05 | ·40 | ·23 | ·17 | ·02 | | ·03 | ·20 | 5 |
| 6 | | ·03 | ·03 | | | ·42 | ·37 | ·22 | ·03 | ·06 | | | 6 |
| 7 | | | ·02 | | ·06 | ·03 | | ·08 | | | ·05 | | 7 |
| 8 | ·06 | ·02 | ·07 | ·05 | ·12 | ·14 | ·74 | ·15 | | | ·05 | | 8 |
| 9 | ·01 | ·13 | ·12 | ·15 | ·04 | ·06 | | ·15 | | | ·35 | ·05 | 9 |
| 10 | ·01 | | ·08 | | ·11 | ·13 | ·01 | ·08 | | | ·13 | | 10 |
| 11 | ·04 | ·11 | | | | ·01 | ·02 | | ·01 | | ·01 | | 11 |
| 12 | ·05 | | | | | | 1·36 | ·03 | | ·22 | | | 12 |
| 13 | ·03 | | ·09 | | ·05 | | | ·05 | | | | | 13 |
| 14 | ·06 | ·06 | ·02 | ·03 | ·02 | ·52 | ·13 | ·68 | | | ·05 | ·02 | 14 |
| 15 | | ·09 | | ·23 | ·05 | ·02 | ·10 | ·02 | ·03 | | ·04 | ·03 | 15 |
| 16 | | ·18 | | ·09 | | ·03 | ·04 | ·44 | ·09 | | | | 16 |
| 17 | | ·05 | | ·36 | | ·11 | ·16 | ·30 | | ·03 | ·01 | | 17 |
| 18 | ·20 | ·04 | ·01 | ·26 | | ·14 | ·16 | | | | ·62 | | 18 |
| 19 | ·05 | ·03 | | ·04 | | ·15 | ·03 | ·44 | ·05 | ·06 | ·01 | | 19 |
| 20 | | ·03 | | ·05 | ·02 | ·02 | | | ·05 | | ·02 | | 20 |
| 21 | ·02 | | | ·03 | | | | ·05 | ·03 | | | | 21 |
| 22 | ·14 | ·03 | ·03 | ·14 | ·23 | ·02 | ·04 | | ·02 | | | | 22 |
| 23 | ·12 | ·02 | | ·08 | ·12 | ·31 | ·01 | | ·12 | ·06 | ·23 | ·03 | 23 |
| 24 | | ·01 | | ·05 | ·44 | | ·07 | ·06 | ·04 | ·14 | ·01 | | 24 |
| 25 | | ·01 | | ·17 | ·06 | | ·18 | | | | ·05 | | 25 |
| 26 | | | | ·11 | ·02 | | ·25 | | | | ·28 | | 26 |
| 27 | ·03 | | | ·24 | | | ·03 | | | ·09 | ·10 | | 27 |
| 28 | ·17 | ·02 | ·02 | ·12 | ·63 | | | | ·02 | | | | 28 |
| 29 | ·53 | | ·02 | | ·10 | | ·30 | | | ·44 | ·01 | ·29 | 29 |
| 30 | ·21 | × | | | ·49 | ·03 | | | | | | | 30 |
| 31 | ·15 | × | | × | ·10 | × | ·04 | | × | ·03 | × | | 31 |
| TOTAL | 1·99 | 1·05 | ·72 | 2·88 | 2·71 | 3·55 | 4·39 | 2·93 | 4·85 | 1·21 | 2·27 | ·97 | YEAR'S TOTAL 29·52 |
| *Days with ·01 in. or more. | 19 | 20 | 14 | 19 | 18 | 21 | 22 | 16 | 16 | 11 | 19 | 9 | 204 |
| *Days with ·04 in. or more. | 13 | 9 | 6 | 17 | 15 | 14 | 16 | 13 | 9 | 8 | 12 | 5 | 137 |

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(Signed) Alfred Ba Blackley

[P.T.O.

*See Instruction 2 (*f*) on other side

3531

**Section A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Mill Hill Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 520·91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | · | · | ·06 | ·25 | ·01 | · | ·01 | ·16 | ·17 | ·05 | ·01 | 1 |
| 2 | · | · | · | · | ·57 | · | ·02 | · | ·24 | ·17 | ·02 | ·06 | 2 |
| 3 | · | ·02 | · | ·06 | ·01 | ·02 | ·01 | · | · | ·03 | · | ·11 | 3 |
| 4 | · | ·02 | · | · | ·07 | ·03 | ·16 | ·03 | · | · | · | · | 4 |
| 5 | ·14 | ·01 | ·08 | ·02 | ·12 | · | · | ·02 | ·06 | · | · | ·03 | 5 |
| 6 | ·16 | · | · | ·03 | ·05 | · | · | · | · | ·03 | · | ·05 | 6 |
| 7 | · | · | ·13 | ·01 | ·01 | ·04 | · | · | ·07 | ·26 | ·03 | · | 7 |
| 8 | · | ·04 | ·04 | ·03 | ·14 | · | | | ·18 | ·22 | ·09 | · | 8 |
| 9 | ·15 | ·11 | ·09 | ·05 | · | ·01 | · | · | ·03 | ·15 | · | ·13 | 9 |
| 10 | ·18 | ·05 | ·02 | ·07 | · | · | ·06 | ·02 | ·10 | ·33 | · | ·08 | 10 |
| 11 | · | ·18 | ·01 | ·07 | ·30 | ·07 | ·36 | · | ·01 | · | ·03 | · | 11 |
| 12 | ·12 | ·09 | · | · | ·10 | · | ·02 | · | · | ·13 | ·03 | · | 12 |
| 13 | ·01 | ·15 | · | ·02 | ·04 | · | ·01 | ·02 | ·49 | · | ·01 | ·12 | 13 |
| 14 | ·06 | ·07 | ·02 | ·16 | · | · | ·05 | · | · | · | ·02 | · | 14 |
| 15 | · | · | · | · | ·05 | · | · | · | · | ·03 | ·09 | ·02 | 15 |
| 16 | ·21 | · | ·03 | · | ·02 | · | · | · | · | ·04 | ·05 | ·05 | 16 |
| 17 | · | · | ·03 | · | ·02 | · | ·04 | | · | ·10 | ·03 | · | 17 |
| 18 | · | · | · | · | ·03 | ·01 | · | · | · | · | ·01 | · | 18 |
| 19 | · | · | ·04 | ·08 | ·05 | · | ·05 | ·02 | · | ·20 | · | · | 19 |
| 20 | · | · | ·16 | ·10 | ·09 | · | ·02 | ·51 | · | ·08 | · | · | 20 |
| 21 | · | · | ·55 | ·04 | 1·55 | · | ·11 | ·74 | · | ·60 | ·02 | ·02 | 21 |
| 22 | · | · | ·59 | ·04 | ·18 | · | ·13 | · | · | ·03 | ·13 | ·01 | 22 |
| 23 | · | 06 | · | ·14 | ·02 | · | ·08 | · | ·08 | · | ·03 | · | 23 |
| 24 | · | ·03 | · | · | ·17 | · | ·34 | · | ·04 | · | ·01 | · | 24 |
| 25 | · | ·07 | · | ·03 | ·05 | · | | ·08 | · | ·15 | ·02 | · | 25 |
| 26 | · | ·03 | | · | ·20 | · | ·21 | · | ·35 | · | · | · | 26 |
| 27 | ·01 | · | ·65 | ·22 | ·19 | ·50 | ·08 | · | ·07 | ·43 | ·05 | ·05 | 27 |
| 28 | · | · | ·02 | ·03 | ·53 | ·88 | · | ·12 | · | ·09 | · | ·02 | 28 |
| 29 | · | · | ·10 | ·01 | ·03 | · | ·33 | 1·23 | ·02 | ·21 | ·15 | ·04 | 29 |
| 30 | · | × | ·08 | ·01 | ·02 | ·29 | ·02 | ·02 | ·42 | ·12 | ·13 | ·10 | 30 |
| 31 | · | × | ·03 | × | · | × | ·75 | · | × | ·01 | × | · | 31 |
| TOTAL | 1·05 | ·93 | 2·67 | 1·28 | 4·86 | 1·86 | 2·85 | 2·82 | 2·32 | 3·58 | 1·00 | ·90 | YEAR'S TOTAL 26·12 |
| *Days with ·01 in. or more. | 10 | 14 | 18 | 21 | 27 | 10 | 20 | 12 | 15 | 22 | 20 | 16 | 205 |
| *Days with ·04 in. or more. | 7 | 9 | 11 | 12 | 19 | 5 | 14 | 5 | 12 | 17 | 8 | 10 | 129 |

40-9999

(Signed) Alyea. Bk. Blackburn [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Mill Hill Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 520·91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·08 | | ·01 | | | | | | ·17 | ·01 | 1 |
| 2 | ·12 | | ·18 | | | | | | | ·01 | 1·05 | ·03 | 2 |
| 3 | | ·05 | ·26 | | ·17 | | | | | | ·50 | | 3 |
| 4 | ·18 | | ·12 | | ·03 | | | | ·01 | | ·06 | | 4 |
| 5 | ·03 | | ·02 | | ·06 | | | | | | ·01 | | 5 |
| 6 | | ·02 | | | ·25 | | | | ·01 | ·01 | ·02 | ·09 | 6 |
| 7 | | ·06 | | | ·19 | | | | ·04 | ·21 | ·01 | ·05 | 7 |
| 8 | ·03 | | ·20 | ·04 | ·01 | ·03 | ·05 | | | ·02 | | ·22 | 8 |
| 9 | | ·27 | | | | | ·10 | | | ·20 | ·09 | ·07 | 9 |
| 10 | ·02 | ·03 | | | | ·10 | | | | ·30 | ·07 | ·05 | 10 |
| 11 | ·03 | ·01 | | | ·07 | | ·01 | | | ·02 | ·01 | | 11 |
| 12 | ·02 | | | | | ·39 | | | | | | ·12 | 12 |
| 13 | | | ·05 | | ·06 | | ·05 | ·09 | ·07 | ·01 | ·05 | | 13 |
| 14 | ·14 | | | | ·03 | | ·55 | ·01 | | | ·30 | ·05 | 14 |
| 15 | ·48 | | ·02 | | | | ·90 | ·02 | | ·23 | ·36 | ·22 | 15 |
| 16 | ·51 | | ·04 | ·04 | ·19 | ·09 | ·05 | | | | ·09 | ·03 | 16 |
| 17 | ·43 | ·04 | ·08 | ·10 | | ·19 | | ·02 | ·02 | | ·30 | ·01 | 17 |
| 18 | | ·12 | ·03 | ·10 | | ·44 | | ·08 | | | ·18 | ·02 | 18 |
| 19 | ·02 | ·02 | ·45 | | | ·07 | ·30 | | | | ·10 | ·02 | 19 |
| 20 | | ·14 | | ·07 | | | | ·04 | ·32 | ·07 | ·03 | | 20 |
| 21 | | ·03 | | | | ·03 | ·03 | | ·09 | ·01 | ·06 | ·01 | 21 |
| 22 | | ·05 | | | | | | | | 1·26 | ·04 | | 22 |
| 23 | | ·24 | | ·01 | ·26 | ·09 | | ·03 | ·20 | ·05 | ·04 | | 23 |
| 24 | | ·07 | | ·15 | ·37 | ·23 | ·07 | | ·22 | ·04 | ·06 | ·05 | 24 |
| 25 | ·01 | ·17 | | ·18 | | ·01 | | | ·71 | ·40 | ·05 | ·02 | 25 |
| 26 | | ·58 | | ·07 | ·02 | | | | | ·14 | ·16 | ·24 | 26 |
| 27 | ·02 | ·03 | | | | | ·13 | | ·02 | ·50 | ·16 | ·06 | 27 |
| 28 | ·02 | | | ·02 | ·01 | | | ·12 | ·03 | ·12 | ·01 | ·12 | 28 |
| 29 | | × | | ·11 | | | ·16 | ·02 | | ·20 | | ·01 | 29 |
| 30 | ·03 | × | | | | | ·03 | | ·08 | ·03 | | ·21 | 30 |
| 31 | ·05 | × | ·05 | × | | × | ·04 | ·11 | × | | × | ·03 | 31 |
| TOTAL | 2·17 | 1·93 | 1·58 | ·89 | 1·73 | 1·67 | 2·47 | ·54 | 1·82 | 3·83 | 3·98 | 1·74 | YEAR'S TOTAL<br>24·35 |
| *Days with ·01 in. or more. | 18 | 17 | 13 | 11 | 15 | 11 | 14 | 10 | 13 | 20 | 26 | 23 | 191 |
| *Days with .04 in. or more. | 7 | 11 | 10 | 9 | 9 | 8 | 11 | 5 | 8 | 13 | 20 | 13 | 124 |

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*See Instruction 2 (*f*) on other side.

(Signed) Alfred B. Blackburn

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Mill Hill Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

„ Ground „ Sea Level 520·91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·11 | · | · | · | · | · | ·03 | ·23 | ·09 | · | · | ·01 | | 1 |
| 2 | · | ·01 | · | · | · | · | · | ·14 | ·14 | · | ·10 | ·29 | | 2 |
| 3 | · | ·03 | · | · | · | · | · | · | · | ·10 | ·07 | ·07 | | 3 |
| 4 | ·03 | · | · | ·06 | · | ·03 | · | · | ·14 | ·12 | ·27 | ·72 | | 4 |
| 5 | · | · | ·05 | ·04 | ·04 | ·01 | · | · | · | · | ·21 | ·42 | | 5 |
| 6 | · | · | · | | ·34 | ·09 | · | 1·42 | ·02 | ·05 | ·15 | ·20 | | 6 |
| 7 | ·01 | ·01 | ·02 | ·01 | ·01 | ·12 | · | ·02 | ·09 | · | · | ·11 | | 7 |
| 8 | · | · | ·03 | · | ·02 | ·02 | · | ·01 | ·05 | ·06 | · | ·08 | | 8 |
| 9 | · | · | · | ·55 | · | · | · | · | ·09 | ·03 | ·75 | ·01 | | 9 |
| 10 | ·02 | · | ·40 | ·20 | · | · | · | ·25 | · | · | ·40 | · | | 10 |
| 11 | ·10 | · | ·42 | ·73 | · | · | · | ·01 | · | · | ·11 | ·07 | | 11 |
| 12 | ·01 | · | ·34 | ·32 | · | · | ·13 | ·28 | · | · | ·10 | ·19 | | 12 |
| 13 | ·43 | · | ·06 | ·02 | ·01 | · | ·49 | ·12 | ·02 | ·04 | ·21 | ·01 | | 13 |
| 14 | ·25 | · | ·21 | · | ·11 | · | ·40 | · | ·02 | ·02 | ·05 | ·20 | | 14 |
| 15 | · | · | ·02 | · | ·19 | · | · | ·03 | ·03 | ·29 | ·04 | ·10 | | 15 |
| 16 | ·18 | · | ·14 | · | ·07 | ·05 | · | · | · | ·04 | ·08 | ·02 | | 16 |
| 17 | ·03 | · | ·13 | · | ·03 | · | ·20 | · | ·17 | ·07 | · | ·22 | | 17 |
| 18 | ·09 | · | ·01 | · | ·39 | ·18 | ·05 | ·04 | · | · | · | ·05 | | 18 |
| 19 | · | · | ·12 | ·16 | ·02 | ·08 | · | ·01 | ·02 | ·08 | ·01 | · | | 19 |
| 20 | · | · | ·35 | ·02 | ·03 | ·05 | · | ·07 | · | · | · | · | | 20 |
| 21 | ·02 | | · | · | · | ·44 | · | ·02 | ·12 | ·03 | · | · | | 21 |
| 22 | · | · | · | ·03 | · | ·81 | · | ·10 | ·14 | ·07 | · | · | | 22 |
| 23 | · | · | ·05 | ·20 | · | · | ·12 | · | · | ·10 | ·05 | ·14 | | 23 |
| 24 | · | · | ·01 | · | ·05 | ·32 | ·03 | · | ·09 | ·40 | · | ·10 | | 24 |
| 25 | ·01 | · | · | ·06 | · | · | · | · | ·06 | ·13 | · | ·63 | | 25 |
| 26 | ·03 | ·01 | · | 1·00 | · | ·04 | · | · | ·03 | ·21 | · | ·01 | | 26 |
| 27 | · | ·29 | · | ·14 | · | ·14 | ·04 | · | · | ·20 | · | ·11 | | 27 |
| 28 | · | · | · | ·38 | · | ·05 | · | ·22 | · | ·03 | · | ·24 | | 28 |
| 29 | · | × | ·06 | · | · | · | ·10 | ·08 | ·37 | ·12 | · | ·22 | | 29 |
| 30 | ·11 | × | ·07 | · | · | · | ·14 | ·02 | ·03 | ·64 | · | ·01 | | 30 |
| 31 | ·08 | × | · | × | · | × | · | ·02 | × | ·03 | × | ·02 | | 31 |
| TOTAL | 1·51 | ·35 | 2·49 | 3·92 | 1·31 | 2·43 | 1·73 | 3·09 | 1·72 | 2·86 | 2·60 | 4·25 | Year's Total<br>28·26 | |
| *Days with ·01 in. or more. | 16 | 5 | 18 | 16 | 13 | 15 | 11 | 19 | 19 | 22 | 15 | 26 | 195 | |
| *Days with .04 in. or more. | 8 | 1 | 13 | 12 | 7 | 12 | 9 | 11 | 12 | 17 | 14 | 19 | 135 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Alfred [illegible]

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Mill Hill Reservoir

*in the County of* Durham.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft ...... in.

,, Ground ,, Sea Level 520.91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | .46 | . | .08 | .15 | . | . | .05 | . | .29 | .04 | .02 | .20 | | 1 |
| 2 | .01 | . | .15 | .22 | . | .05 | . | . | . | .69 | .02 | . | | 2 |
| 3 | .01 | .47 | .15 | .10 | . | .48 | . | . | .21 | .01 | .25 | . | | 3 |
| 4 | . | .01 | .02 | . | . | .57 | . | . | . | 1.23 | .11 | . | | 4 |
| 5 | .23 | .37 | .01 | .01 | . | . | . | . | .20 | .40 | .05 | . | | 5 |
| 6 | .16 | .07 | . | . | . | .10 | . | . | . | .25 | . | . | | 6 |
| 7 | .21 | .01 | . | .08 | . | .40 | . | . | . | .18 | .83 | .09 | | 7 |
| 8 | . | . | . | .14 | . | .02 | . | . | . | .05 | .04 | .06 | | 8 |
| 9 | .01 | .01 | . | .28 | .02 | .03 | . | . | . | .35 | .15 | .06 | | 9 |
| 10 | .02 | .06 | . | .02 | . | .15 | . | .01 | . | .08 | .09 | . | | 10 |
| 11 | .05 | .01 | . | .02 | .02 | .02 | . | .20 | . | .01 | .06 | .06 | | 11 |
| 12 | . | . | . | . | . | .05 | . | . | .02 | . | . | . | | 12 |
| 13 | .10 | . | . | .03 | .27 | .01 | .03 | . | .01 | . | . | .05 | | 13 |
| 14 | . | . | . | .06 | .12 | .13 | .10 | . | .08 | .01 | .27 | .04 | | 14 |
| 15 | . | .02 | . | .36 | .15 | . | . | .01 | .05 | .10 | . | .10 | | 15 |
| 16 | . | .29 | .09 | .46 | .22 | .04 | .08 | .20 | .35 | . | .31 | .08 | | 16 |
| 17 | . | . | .02 | .25 | .09 | .25 | . | . | .02 | .03 | 1.19 | .24 | | 17 |
| 18 | .09 | .01 | . | .02 | .01 | .14 | .01 | . | .05 | .12 | .13 | . | | 18 |
| 19 | .08 | .07 | . | .01 | . | .22 | .13 | . | . | .04 | .01 | . | | 19 |
| 20 | .01 | .16 | . | .30 | . | .14 | . | . | . | . | .08 | . | | 20 |
| 21 | . | .12 | .04 | .26 | . | . | . | . | 2.38 | .45 | .15 | . | | 21 |
| 22 | . | .31 | .01 | . | . | . | . | . | . | . | .09 | . | | 22 |
| 23 | .05 | . | .08 | . | . | . | . | .16 | . | .05 | .07 | . | | 23 |
| 24 | .04 | .43 | .06 | .04 | . | .01 | . | .01 | 1.05 | . | . | .25 | | 24 |
| 25 | .12 | .02 | . | . | . | .02 | . | . | . | . | .03 | .15 | | 25 |
| 26 | .07 | . | . | .04 | .01 | .02 | .05 | 1.12 | .35 | .15 | . | .29 | | 26 |
| 27 | .14 | .04 | . | .01 | . | .03 | .02 | . | .17 | .14 | .12 | .25 | | 27 |
| 28 | .04 | .07 | .01 | . | . | . | . | . | .04 | .31 | . | . | | 28 |
| 29 | .01 | × | .16 | . | . | .02 | . | .06 | .04 | .10 | .02 | .11 | | 29 |
| 30 | . | × | .01 | . | . | .34 | . | .04 | .58 | .35 | .24 | .01 | | 30 |
| 31 | . | × | . | × | . | × | . | . | × | . | × | .17 | | 31 |
| TOTAL | 1.91 | 2.55 | .89 | 2.86 | .91 | 3.24 | .47 | 1.81 | 5.49 | 5.14 | 4.33 | 2.21 | Year's Total<br>32.11 | |
| *Days with ·01 in. or more. | 20 | 19 | 14 | 21 | 9 | 23 | 8 | 9 | 17 | 23 | 23 | 14 | 203 | |
| *Days with .04 in. or more. | 14 | 12 | 8 | 14 | 5 | 14 | 5 | 6 | 14 | 19 | 18 | 16 | 145 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Alfred Dr. Blackburn

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

Kept at Mill Hill Reservoir
in the County of Durham
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 520.91 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .27 | .07 | .18 | . | . | .04 | .04 | .25 | .19 | .01 | .02 | . | | 1 |
| 2 | .02 | .01 | .04 | . | . | .08 | .14 | .04 | . | . | .07 | .03 | | 2 |
| 3 | . | .04 | .01 | . | . | 1.50 | .20 | .01 | .23 | . | . | . | | 3 |
| 4 | .24 | . | .05 | . | .03 | .05 | . | .25 | .09 | .14 | .04 | .07 | | 4 |
| 5 | .08 | . | . | . | .03 | .02 | . | .10 | .02 | .03 | .07 | . | | 5 |
| 6 | .03 | . | . | .03 | .02 | . | .01 | .82 | .39 | .02 | .14 | . | | 6 |
| 7 | .18 | . | .02 | . | . | . | .60 | . | .05 | . | .02 | .03 | | 7 |
| 8 | .12 | . | .11 | . | .01 | . | . | . | .01 | .17 | .03 | . | | 8 |
| 9 | .74 | .01 | .39 | . | .11 | .02 | . | .01 | . | .21 | .08 | . | | 9 |
| 10 | .08 | . | .02 | .01 | . | .01 | .14 | . | . | .03 | . | . | | 10 |
| 11 | . | . | . | .09 | . | . | .21 | .08 | . | . | .75 | . | | 11 |
| 12 | . | . | . | .25 | .09 | .13 | .03 | .07 | .16 | . | .31 | .03 | | 12 |
| 13 | . | . | . | .27 | . | .11 | .42 | . | . | .08 | .10 | .63 | | 13 |
| 14 | . | . | . | .17 | . | .25 | .03 | .04 | . | . | .02 | .68 | | 14 |
| 15 | .01 | . | . | .48 | . | .02 | .18 | .50 | .03 | . | .13 | .05 | | 15 |
| 16 | .03 | . | . | .04 | . | .03 | . | . | . | . | .39 | .01 | | 16 |
| 17 | .02 | .48 | . | . | .31 | . | .16 | .01 | .01 | .07 | .43 | .02 | | 17 |
| 18 | . | .16 | . | .07 | . | . | . | .03 | . | .02 | . | . | | 18 |
| 19 | .42 | .27 | . | . | . | . | .18 | .01 | . | .05 | . | . | | 19 |
| 20 | .15 | .15 | . | . | .05 | .01 | .08 | . | . | .01 | . | . | | 20 |
| 21 | .07 | . | .01 | .01 | . | . | . | . | . | . | . | .04 | | 21 |
| 22 | . | .39 | .04 | . | .11 | .09 | . | . | . | . | . | . | | 22 |
| 23 | . | . | .02 | .06 | .08 | . | .56 | . | . | . | . | . | | 23 |
| 24 | .02 | .14 | .01 | .02 | 1.24 | . | .01 | . | .68 | .20 | . | . | | 24 |
| 25 | .33 | . | .06 | . | .02 | . | .02 | . | .47 | . | . | . | | 25 |
| 26 | .01 | .03 | .85 | . | .01 | . | . | . | .14 | .22 | .03 | . | | 26 |
| 27 | .03 | .04 | .04 | . | . | . | . | . | .15 | .14 | .03 | . | | 27 |
| 28 | .34 | .57 | . | . | . | . | .05 | . | .05 | - | .03 | . | | 28 |
| 29 | .78 | .62 | .17 | . | .20 | .90 | .05 | . | . | .09 | .28 | . | | 29 |
| 30 | .02 | ✕ | . | . | .04 | .11 | .41 | . | .01 | .18 | . | . | | 30 |
| 31 | . | ✕ | .02 | ✕ | .02 | ✕ | . | . | ✕ | . | ✕ | .08 | | 31 |
| | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | Year's Total | |
| TOTAL | 4.01 | 2.98 | 2.04 | 1.50 | 2.37 | 3.37 | 3.52 | 2.22 | 2.68 | 1.67 | 2.97 | 1.67 | 31.00 | ✓ |
| * Days with .01 in. or more. | 22 | 14 | 17 | 12 | 16 | 16 | 20 | 14 | 16 | 17 | 19 | 11 | 194 ✓ | |
| * Days with .04 in. or more. | 14 | 11 | 10 | 8 | 9 | 10 | 15 | 9 | 11 | 11 | 12 | 6 | 126 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred B. E. Blackburn [P.T.O.
Engineer & General Manager

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Easington (Mill Hill Res)
*in the County of* Durham
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 520.91 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | .01 | - | .11 | . | . | .11 | . | .01 | .11 | .01 | .01 | .18 |  | 1 |
| 2 | . | .07 | .02 | .31 | . | .03 | . | . | . | .01 | . | .10 |  | 2 |
| 3 | . | .04 | . | .09 | .01 | .21 | 1.16 | .01 | .02 | . | . | .07 |  | 3 |
| 4 | .05 | .01 | .11 | .05 | .21 | . | .01 | .21 | .05 | . | . | .05 |  | 4 |
| 5 | .01 | . | .10 | .01 | .17 | .01 | .07 | . | .05 | .01 | . | .28 |  | 5 |
| 6 | . | . | .09 ✓ | .05 | .07 | . | . | . | . | . | .15 | .20 |  | 6 |
| 7 | . | .20 | .14 | .04 | .01 | .02 | .08 | . | . | . | .01 | .48 |  | 7 |
| 8 | . | .40 | .17 |  | . | .01 | .09 | .03 | . | . | .10 | .25 |  | 8 |
| 9 | . | .01 | .62 | .09 | . | . | .20 | .09 | . | . | .45 | .32 |  | 9 |
| 10 | . | .02 | .01 | . | .26 | .01 | .09 | . | .03 | .02 | .30 | .18 |  | 10 |
| 11 | . | . | .50 | .33 | .10 | . | . | . | .03 | .03 | .01 | .71 |  | 11 |
| 12 | .06 | .22 | .43 | .07 | .06 | . | .01 | .02 | .04 | . | . | .26 |  | 12 |
| 13 |  | .06 | .04 ✓ | .07 | .08 | .05 | .01 | . | .07 | . | . | .25 |  | 13 |
| 14 | . | .01 | .10 | .02 | .01 | .64 | . | .68 | .02 | . | . | .49 |  | 14 |
| 15 | .10 | .44 | .03 | .22 | . | . | . | .01 | .07 | . | . | .11 |  | 15 |
| 16 | .06 | .04 | .28 | .62 | . | .04 | . | .03 | .03 | . | . | .47 |  | 16 |
| 17 | .12 | .03 | .12 | .12 | . | .04 | . | .03 | .65 | . | . | .10 |  | 17 |
| 18 | .11 | .05 | .11 | . | . | .14 | .05 | .08 | .04 | . | .07 | . |  | 18 |
| 19 | . | .01 | .01 | .08 | . | .02 | . | .06 | .01 | .01 | .65 | . |  | 19 |
| 20 | .08 | . | .03 | .04 | .92 | .02 | .01 | .01 | . | .01 |  | . |  | 20 |
| 21 | .01 | . | .05 | .05 | .22 | . | .21 | . | . | .02 | . | .08 |  | 21 |
| 22 | .10 | . | .07 | .01 | .02 | . | .01 | . | . | .16 | .25 | . |  | 22 |
| 23 | .49 | . | .02 |  | .42 | . | .05 | . | . | .79 | .08 | . |  | 23 |
| 24 | .29 | .01 | .03 | . | . | . | .37 | . | .10 | .17 | . | . |  | 24 |
| 25 | .11 | .27 | . | . | . | . | .03 | .13 | . | .27 | . | . |  | 25 |
| 26 | .04 | .16 | .10 | . | .41 | . | . | . | .03 | . | .01 | . |  | 26 |
| 27 | .01 | .55 | .14 | .10 | . | . | .03 | . | .01 | .31 | .02 | .02 |  | 27 |
| 28 | .04 | .06 | .05 | . | . | .02 | . | . | . | .18 | . | .01 |  | 28 |
| 29 | .03 | ✗ | .02 | . | . | . | . | . | . | .04 | .04 | .05 |  | 29 |
| 30 | .20 | ✗ | . | . | . | .16 | . | . | . | .04 | .10 | .04 |  | 30 |
| 31 | .53 | ✗ |  | ✗ | .02 | ✗ | . | .02 | ✗ | .27 | ✗ | .04 |  | 31 |
| TOTAL | 2.45 | 2.66 | 3.50 | 2.37 | 2.99 | 1.53 | 2.48 | 1.42 | 1.36 | 2.35 | 2.25 | 4.73 | Year's Total<br>30.09 |  |
| * Days with .01 in. or more. | 20 | 20 | 24 | 19 | 16 | 16 | 17 | 15 | 17 | 17 | 15 | 23 | 222 |  |
| * Days with .04 in. or more. | 15 | 13 | 19 | 16 | 11 | 8 | 10 | 6 | 9 | 9 | 10 | 21 | 147 |  |

p.p. SUNDERLAND & SOUTH SHIELDS WATER Co.

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred De. Blackburn [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Easington, Mill Hill Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 520.91 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | .03 | . | . | . | . | 1.81 | .05 | . | .41 | . | .05 | .13 | | 1 |
| 2 | .25 | . | . | . | . | .35 | .10 | | .09 | .23 | .17 | .04 | | 2 |
| 3 | .06 | . | . | . | . | . | .05 | . | .10 | .62 | .11 | . | | 3 |
| 4 | .13 | . | . | .02 | . | .01 | .10 | . | . | .05 | . | .31 | | 4 |
| 5 | . | .01 | .01 | . | . | . | . | .40 | . | .03 | . | . | | 5 |
| 6 | .01 | . | .04 | . | . | .07 | .25 | .01 | .03 | .09 | . | . | | 6 |
| 7 | . | . | . | . | . | . | .30 | .01 | .21 | .05 | . | . | | 7 |
| 8 | .14 | . | . | . | . | . | .30 | .02 | . | .43 | .15 | .10 | | 8 |
| 9 | .18 | .02 | . | . | .03 | .03 | .02 | .02 | . | . | . | .34 | | 9 |
| 10 | .01 | .01 | . | . | . | .10 | .04 | .01 | .03 | . | . | .02 | | 10 |
| 11 | .02 | . | . | . | .02 | .03 | . | .01 | . | .02 | .07 | .05 | | 11 |
| 12 | .11 | .31 | . | . | .05 | . | . | .40 | . | .25 | .05 | . | | 12 |
| 13 | .05 | .07 | . | . | . | . | .01 | .02 | .10 | | .24 | .14 | | 13 |
| 14 | .24 | .01 | . | . | .02 | . | . | . | – | . | . | .06 | | 14 |
| 15 | .09 | .07 | . | . | . | . | .25 | .14 | – | .05 | . | .24 | | 15 |
| 16 | .18 | .02 | .03 | . | .34 | . | .73 | .04 | .17 | .01 | .03 | .28 | | 16 |
| 17 | . | . | . | . | .36 | | .03 | .06 | .03 | .33 | . | .01 | | 17 |
| 18 | . | .05 | . | . | .04 | . | . | . | .15 | .07 | .25 | .03 | | 18 |
| 19 | . | . | . | . | .03 | .11 | . | .09 | .05 | . | . | . | | 19 |
| 20 | .01 | . | . | . | . | . | . | .05 | .15 | . | .30 | .11 | | 20 |
| 21 | . | . | .08 | . | . | . | . | .03 | . | . | .01 | .06 | | 21 |
| 22 | . | .02 | | . | . | .05 | . | . | . | . | .22 | .18 | | 22 |
| 23 | . | .01 | | .02 | .12 | .09 | . | . | .06 | | .11 | .03 | | 23 |
| 24 | .04 | . | .01 | .01 | .03 | . | . | .39 | .20 | .03 | .01 | .01 | | 24 |
| 25 | | . | .01 | . | .09 | . | .02 | .05 | . | .42 | .24 | .05 | | 25 |
| 26 | . | .62 | .05 | | .01 | .03 | . | . | .05 | .20 | . | . | | 26 |
| 27 | .03 | .04 | . | .08 | .29 | .10 | .17 | .20 | .01 | .18 | .08 | . | | 27 |
| 28 | .06 | . | . | .02 | .79 | .36 | . | .05 | .11 | .01 | . | .01 | | 28 |
| 29 | .03 | ✗ | . | .02 | .51 | .02 | .03 | . | | . | .06 | .03 | | 29 |
| 30 | .07 | ✗ | . | . | .24 | | | .01 | .17 | .01 | .15 | . | | 30 |
| 31 | .12 | ✗ | . | ✗ | .16 | ✗ | | | ✗ | .06 | ✗ | .32 | | 31 |
| TOTAL | 1.86 | 1.26 | .23 | .16 | 3.13 | 3.16 | 2.45 | 2.01 | 2.12 | 3.14 | 2.30 | 2.65 | Year's Total 24.37 | |
| * Days with .01 in. or more. | 21 | 13 | 7 | 6 | 17 | 14 | 16 | 20 | 18 | 20 | 18 | 22 | 192 | |
| * Days with .04 in. or more. | 14 | 6 | 3 | 1 | 11 | 9 | 11 | 11 | 14 | 14 | 15 | 15 | 124 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred E. Blackburn [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3531

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Easington, Mill Hill Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 520.91 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·31 | . | . | ·04 | . | . | ·03 | ·03 | ·03 | ·13 | ·05 | . | | 1 |
| 2 | ·12 | . | . | ·08 | . | . | ·02 | ·44 | ·80 ✓ | ·16 | ·20 | ·01 | | 2 |
| 3 | . | . | ·02 | ·16 | . | . | . | ·31 | . | ·03 | ·22 | ·02 | | 3 |
| 4 | ·08 | . | ·20 | ·02 | . | . | ·14 | . | ·41 | . | ·29 | ·09 | | 4 |
| 5 | . | . | . | . | . | . | ·14 | ·67 | . | ·20 | ·44 | ·20 | | 5 |
| 6 | ·10 | . | . | . | ·40 | . | ·25 | . | . | ·01 | ·02 | . | | 6 |
| 7 | ·01 | ·02 | ·02 | . | ·12 | . | . | . | . | ·32 | ·01 | ·09 | | 7 |
| 8 | ·06 | . | ·07 | ·14 | . | . | ·13 | ·06 | . | . | ·03 | ·34 | | 8 |
| 9 | ·12 | ·01 | . | . | . | . | ·18 | ·04 | ·03 | 1·42 | . | ·10 | | 9 |
| 10 | ·19 | . | ·01 | . | . | ·03 | . | ·04 | ·20 | ·03 | . | . | | 10 |
| 11 | ·40 | . | ·28 | . | . | ·21 | . | ·05 | ·04 | ·09 | . | ·02 | | 11 |
| 12 | . | ·06 | | . | . | ·06 | ·03 | . | . | 1·74 | ·01 | . | | 12 |
| 13 | ·01 | . | ·06 | ·08 | . | . | . | . | ·02 | ·06 | ·01 | . | | 13 |
| 14 | ·36 | . | ·03 | . | ·13 | ·35 | ·14 | . | ·06 | ·35 | ·14 | . | | 14 |
| 15 | ·23 | . | . | . | ·02 | ·19 | ·04 | . | ·02 | ·28 | ·02 | ·01 | | 15 |
| 16 | ·09 | . | ·05 | . | ·58 | . | ·04 | . | ·01 | . | ·05 | . | | 16 |
| 17 | ·18 | . | . | ·09 | ·06 | . | ·03 | . | . | . | ·01 | . | | 17 |
| 18 | ·61 | . | ·05 | . | ·01 | ·39 | ·10 | . | ·05 | ·14 | ·45 | . | | 18 |
| 19 | ·12 | . | ·02 | . | . | ·30 | . | . | ·03 | . | . | ·02 | | 19 |
| 20 | . | . | . | . | ·01 | ·11 | ·05 | ·27 | ·05 | . | . | . | | 20 |
| 21 | ·08 | ·14 | ·02 | ·05 | . | ·01 | . | ·19 | ·04 | . | . | . | | 21 |
| 22 | ·34 | ·10 | ·01 | ·03 | . | . | ·03 | . | ·05 | . | . | . | | 22 |
| 23 | ·06 | ·02 | ·13 | ·02 | . | ·25 | ·01 | . | ·03 | . | . | . | | 23 |
| 24 | . | ·03 | ·09 | ·25 | ·02 | ·05 | . | ·05 | . | . | . | . | | 24 |
| 25 | ·15 | . | ·07 | ·03 | . | . | . | ·02 | . | ·03 | ·03 | ·05 | | 25 |
| 26 | ·05 | ·03 | ·05 | . | . | ·17 | . | ·03 | ·01 | ·47 | . | . | | 26 |
| 27 | ·14 | ·15 | ·74 | ·01 | . | ·02 | ·06 | ·03 | . | ·06 | ·01 | . | | 27 |
| 28 | ·17 | ·16 | ·47 | ·10 | . | ·25 | ·15 | ·01 | . | . | ·25 | ·06 | | 28 |
| 29 | ·01 | | . | . | . | . | ·23 | . | . | ·58 | . | . | | 29 |
| 30 | ·05 | ✕ | . | ·05 | . | ·07 | ·11 | ·03 | . | ·06 | ·14 | . | | 30 |
| 31 | . | ✕ | . | ✕ | . | ✕ | ·04 | . | ✕ | ·16 | ✕ | . | | 31 |
| TOTAL | 4·32 | ·71 | 2·39 | 1·17 | 1·35 | 2·45 | 1·95 | 2·27 | 1·88 | 6·32 | 2·68 | 1·01 | Year's Total<br>28·50 | |
| * Days with .01 in. or more. | 25 | 10 | 19 | 15 | 9 | 15 | 21 | 16 | 14 | 20 | 19 | 12 | 198 | |
| * Days with .04 in. or more. | 22 | 5 | 12 | 10 | 5 | 12 | 15 | 10 | 8 | 16 | 10 | 4 | 132 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred B. Blackburn.

P.T.O.

## COPY FOR OFFICIAL USE

Station No. 3531

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1930.

*Kept at* Easington, Mill Hill Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 520·91 ft.

January amended for snow.

Totals corrected

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | ·06 | · | ·04 | · | · | · | · | · | · | ·01 | · | | 1 |
| 2 | · | · | · | ·07 | · | · | ·02 | · | · | · | ·15 | ·05 | | 2 |
| 3 | ·03 | ·14 | · | ·06 | · | · | ·10 | · | · | ·08 | ·05 | ·07 | | 3 |
| 4 | · | ·20 | · | ·05 | · | · | ·20 | · | · | ·01 | ·36 | ·06 | | 4 |
| 5 | · | · | · | · | ·22 | · | ·14 | · | · | ·02 | ·05 | ·10 | | 5 |
| 6 | ·03 | ·01 | · | · | · | · | · | · | · | ·54 | ·12 | ·23 | | 6 |
| 7 | ·01 | ·34 | · | ·04 | · | · | ·06 | ·06 | ·10 | · | · | ·07 | | 7 |
| 8 | ·01 | · | · | ·01 | · | ·49 | ·10 | ·19 | ·02 | ·15 | ·02 | ·08 | | 8 |
| 9 | · | · | ·30 | · | · | · | ·33 | ·02 | · | ·12 | ·48 | ·05 | | 9 |
| 10 | · | · | ·02 | · | · | ·07 | 1·12 | ·10 | · | · | ·13 | · | | 10 |
| 11 | · | ·09 | ·14 | · | · | ·01 | ·34 | · | ·08 | · | ·30 | · | | 11 |
| 12 | · | ·01 | ·75 | · | · | · | · | · | ·14 | · | · | · | | 12 |
| 13 | · | ·14 | ·15 | · | · | · | ·06 | ·01 | ·09 | · | ·05 | · | | 13 |
| 14 | · | · | ·01 | ·01 | ·03 | · | ·29 | · | ·01 | ·05 | · | ·17 | | 14 |
| 15 | (·13) ~~·03~~ | · | · | · | ·23 | ·12 | · | · | · | ·01 | ·14 | · | | 15 |
| 16 | (·12) ~~·02~~ | · | · | · | · | · | ·50 | · | ·77 | ·41 | ·02 | · | | 16 |
| 17 | | · | ·24 | · | · | · | 1·63 | · | ·02 | ·27 | ·49 | · | | 17 |
| 18 | · | ·10 | ·10 | ·25 | · | · | ·21 | ·26 | ·08 | · | ·82 | ·13 | | 18 |
| 19 | ·01 | · | · | ·16 | · | ·03 | ·14 | ·01 | · | ·01 | ·25 | ·05 | | 19 |
| 20 | · | ·05 | · | ·12 | · | · | ·03 | ·49 | ·04 | · | ·02 | · | | 20 |
| 21 | ·20 | · | ·14 | ·02 | · | ·39 | ·03 | ·09 | · | ·16 | ·40 | · | | 21 |
| 22 | ·12 | · | · | · | ·12 | ·17 | · | ·10 | ·09 | ·51 | · | · | | 22 |
| 23 | · | ·02 | · | ·27 | ·02 | · | ·02 | · | ·01 | ·17 | ·07 | ·07 | | 23 |
| 24 | ·12 | ·04 | · | ·06 | ·25 | · | ·01 | · | ·05 | ·11 | · | ·27 | | 24 |
| 25 | · | · | · | · | ·06 | · | ·15 | · | · | ·04 | · | ·01 | | 25 |
| 26 | (·26) ~~·16~~ | ·01 | · | · | ·14 | · | ·17 | ·15 | ·06 | ·12 | · | · | | 26 |
| 27 | (·05) | ·05 | · | ·17 | · | · | · | · | · | ·10 | ·01 | · | | 27 |
| 28 | · | ·54 | · | ·02 | · | · | · | ·02 | ·03 | · | ·02 | · | | 28 |
| 29 | ·01 | · | ·21 | ·01 | · | ·03 | ·04 | · | ·01 | · | · | ·09 | | 29 |
| 30 | (·12) ~~·02~~ | ✕ | · | · | · | · | · | · | · | ·45 | · | ·84 | | 30 |
| 31 | (·28) ~~·18~~ | ✕ | ·03 | ✕ | · | ✕ | · | · | ✕ | ·28 | ✕ | ·31 | | 31 |
| TOTAL | (1·50) ~~·95~~ | 1·80 | 2·09 | 1·36 | 1·07 | 1·31 | 5·69 | 1·50 | 1·60 | 3·61 | 3·96 | 2·65 | Year's Total ~~27·59~~ | ✓ 28·14 |
| * Days with .01 in. or more. | 15 ~~11~~ | 15 | 11 | 16 | 8 | 8 | 22 | 12 | 16 | 20 | 21 | 17 | 181 | ✓ |
| * Days with .04 in. or more. | 9 ~~5~~ | 11 | 8 | 11 | 6 | 5 | 17 | 8 | 10 | 16 | 15 | 16 | ~~128~~ | 132. |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Alfred E. Blackburn.

[P.T.O.

3532

**Section** **A** for the entry of

AIR MINISTRY

FORM 1090.

**REGIST**

**FOR OFFICIAL USE.**

**ORGANIZATION.**

3532

SEAHAM, DALTON P. S.

1931 — 40

780701

*Kept at* Dalton Pump

*in the County of* Durha

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

**THE MORNING MEASU**

*An observer who does not conform to*

*year in the space on the right of this*

*owing*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | | ·12 | | | ·02 | ·01 | | ·24 | | | | 1 |
| 2 | | ·05 | ·04 | ·68 | | ·88 | | | ·80 | ·05 | | ·17 | 2 |
| 3 | ·05 | ·02 | | ·07 | | ·03 | ·05 | | ·48 | | ·25 | ·20 | 3 |
| 4 | ·13 | ·06 | | | | ·04 | ·02 | | 2·00 | | ·03 | ·03 | 4 |
| 5 | | ·02 | | | ·04 | ·35 | ·25 | ·14 | ·02 | | | ·22 | 5 |
| 6 | | ·05 | ·02 | | | ·43 | ·24 | ·32 | ·01 | ·06 | | | 6 |
| 7 | | ·02 | ·02 | | ·05 | ·05 | | ·26 | | ·01 | ·07 | | 7 |
| 8 | ·10 | ·04 | ·02 | ·04 | ·12 | ·27 | ·70 | ·16 | | | ·04 | | 8 |
| 9 | | ·15 | ·02 | ·27 | ·04 | ·05 | | ·15 | | ·02 | ·32 | ·05 | 9 |
| 10 | | | ·06 | | ·10 | ·10 | | ·07 | | | ·14 | ·02 | 10 |
| 11 | ·06 | ·10 | | | | ·02 | ·03 | | ·01 | | | | 11 |
| 12 | ·05 | | | | | ·01 | 1·02 | ·02 | | ·20 | | | 12 |
| 13 | ·04 | | ·19 | | ·04 | | ·06 | ·05 | | | | | 13 |
| 14 | ·09 | ·05 | ·03 | ·03 | | ·65 | ·10 | ·62 | | | ·04 | ·02 | 14 |
| 15 | | ·05 | | ·22 | ·04 | ·02 | ·08 | ·03 | ·05 | | ·08 | ·02 | 15 |
| 16 | | ·20 | | ·06 | | | ·05 | ·40 | ·08 | | | | 16 |
| 17 | | ·03 | | ·35 | | ·25 | ·20 | ·72 | | ·02 | | | 17 |
| 18 | ·19 | ·02 | | ·23 | | ·11 | ·18 | | | | ·57 | | 18 |
| 19 | ·05 | ·04 | | ·05 | | ·04 | ·05 | ·50 | ·08 | ·09 | ·01 | | 19 |
| 20 | | | ·01 | ·04 | ·01 | ·02 | | | ·05 | | ·02 | ·02 | 20 |
| 21 | ·02 | ·01 | | ·06 | | | | ·05 | ·03 | | | | 21 |
| 22 | ·10 | ·02 | ·04 | ·12 | ·19 | | | | ·02 | | | | 22 |
| 23 | ·09 | | | ·06 | ·13 | ·30 | ·02 | | ·10 | ·03 | ·22 | ·03 | 23 |
| 24 | | ·03 | | ·06 | ·36 | | ·04 | ·03 | ·04 | ·19 | | ·02 | 24 |
| 25 | | ·04 | | ·23 | ·06 | | ·17 | | | | ·04 | | 25 |
| 26 | | | | ·10 | ·02 | | ·19 | | | | ·26 | | 26 |
| 27 | ·03 | | ·03 | ·30 | | | ·03 | | | ·09 | ·11 | | 27 |
| 28 | ·17 | ·02 | ·01 | ·14 | ·55 | | | | ·04 | | ·02 | ·02 | 28 |
| 29 | ·60 | | ·01 | | ·09 | | ·28 | | | ·45 | ·04 | ·50 | 29 |
| 30 | ·40 | × | | | ·55 | ·04 | | | | | | | 30 |
| 31 | ·37 | × | | × | ·03 | × | ·04 | | × | ·03 | × | | 31 |
| TOTAL | 2·54 | 1·02 | ·62 | 3·11 | 2·42 | 3·68 | 3·81 | 3·52 | 4·05 | 1·24 | 2·26 | 1·32 | YEAR'S TOTAL<br>29·59 |
| *Days with ·01 in. or more. | 17 | 20 | 14 | 19 | 17 | 20 | 22 | 15 | 16 | 12 | 17 | 13 | 202 |
| *Days with ·04 in. or more. | 15 | 11 | 5 | 18 | 14 | 14 | 17 | 12 | 11 | 2 | 13 | 5 | 142 |

40-9999 M

*See Instruction 2 (*f*) on other side.

(Signed) Alfred R. Blackburn

[P.T.O.

**Section** A for the entry of FOR OFFICIAL USE. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Dalton Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 344·75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | ·12 | | | ·02 | ·01 | | ·24 | | | | 1 |
| 2 | | ·05 | ·04 | ·68 | | ·88 | | | ·80 | ·05 | | ·17 | 2 |
| 3 | ·05 | ·02 | | ·07 | | ·03 | ·05 | | ·48 | | ·25 | ·20 | 3 |
| 4 | ·13 | ·06 | | | | ·04 | ·02 | | 2·00 | | ·03 | ·03 | 4 |
| 5 | | ·02 | | | ·04 | ·35 | ·25 | ·14 | ·02 | | | ·22 | 5 |
| 6 | | ·05 | ·02 | | | ·43 | ·24 | ·32 | ·01 | ·06 | | | 6 |
| 7 | | ·02 | ·02 | | ·05 | ·05 | | ·26 | | ·01 | ·07 | | 7 |
| 8 | ·10 | ·04 | ·02 | ·04 | ·12 | ·27 | ·70 | ·16 | | | ·04 | | 8 |
| 9 | | ·15 | ·02 | ·27 | ·04 | ·05 | | ·15 | | ·02 | ·32 | ·05 | 9 |
| 10 | | | ·06 | | ·10 | ·10 | | ·07 | | | ·14 | ·02 | 10 |
| 11 | ·06 | ·10 | | | | ·02 | ·03 | | ·01 | | | | 11 |
| 12 | ·05 | | | | | ·01 | 1·02 | ·02 | | ·20 | | | 12 |
| 13 | ·04 | | ·19 | | ·04 | | ·06 | ·05 | | | | | 13 |
| 14 | ·09 | ·05 | ·03 | ·03 | | ·65 | ·10 | ·62 | | | ·04 | ·02 | 14 |
| 15 | | ·05 | | ·22 | ·04 | ·02 | ·08 | ·03 | ·05 | | ·08 | ·02 | 15 |
| 16 | | ·20 | | ·06 | | | ·05 | ·40 | ·08 | | | | 16 |
| 17 | | ·03 | | ·35 | | ·25 | ·20 | ·72 | | ·02 | | | 17 |
| 18 | ·19 | ·02 | | ·23 | | ·11 | ·18 | | | | ·57 | | 18 |
| 19 | ·05 | ·04 | | ·05 | | ·04 | ·05 | ·50 | ·08 | ·09 | ·01 | | 19 |
| 20 | | | ·01 | ·04 | ·01 | ·02 | | | ·05 | | ·02 | ·02 | 20 |
| 21 | ·02 | ·01 | | ·06 | | | | ·05 | ·03 | | | | 21 |
| 22 | ·10 | ·02 | ·04 | ·12 | ·19 | | | | ·02 | | | | 22 |
| 23 | ·09 | | | ·06 | ·13 | ·30 | ·02 | | ·10 | ·03 | ·22 | ·03 | 23 |
| 24 | | ·03 | | ·06 | ·36 | | ·04 | ·03 | ·04 | ·19 | | ·02 | 24 |
| 25 | | ·04 | | ·23 | ·06 | | ·17 | | | | ·04 | | 25 |
| 26 | | | | ·10 | ·02 | | ·19 | | | | ·27 | | 26 |
| 27 | ·03 | | ·03 | ·30 | | | ·03 | | | ·09 | ·11 | | 27 |
| 28 | ·17 | ·02 | ·01 | ·14 | ·55 | | | | ·04 | | ·02 | ·02 | 28 |
| 29 | ·60 | | ·01 | | ·09 | | ·28 | | | ·45 | ·04 | ·50 | 29 |
| 30 | ·40 | × | | | ·55 | ·04 | | | | | | | 30 |
| 31 | ·37 | × | | × | ·03 | × | ·04 | | × | ·03 | × | | 31 |
| | | | | | | | | | | | | | YEAR'S TOTAL |
| TOTAL | 2·54 | 1·02 | ·62 | 3·11 | 2·42 | 3·68 | 3·81 | 3·52 | 4·05 | 1·24 | 2·26 | 1·32 | 29·59 |
| *Days with ·01 in. or more. | 17 | 20 | 14 | 19 | 17 | 30 | 22 | 15 | 16 | 12 | 17 | 13 | 202 |
| *Days with ·04 in. or more. | 15 | 11 | 5 | 18 | 14 | 14 | 17 | 12 | 11 | 7 | 13 | 5 | 142 |

40-9999 M

*See Instruction 2 (*f*) on other side.

(*Signed*) Alfred K. Blackburn [P.T.O.

3532

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Dalton Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 344·75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·04 | ·05 | | ·04 | ·30 | ·01 | | ·03 | ·14 | ·11 | ·03 | | 1 |
| 2 | | | | ·03 | ·56 | | ·02 | | ·20 | ·19 | ·02 | ·09 | 2 |
| 3 | | ·01 | | ·04 | ·01 | ·02 | | | | ·02 | | ·11 | 3 |
| 4 | | ·02 | | ·02 | ·09 | ·03 | ·17 | | ·01 | | | | 4 |
| 5 | ·14 | ·02 | ·10 | | ·09 | | | ·02 | ·05 | | | ·06 | 5 |
| 6 | ·17 | | | ·02 | ·03 | | | | ·02 | ·04 | | ·04 | 6 |
| 7 | | | ·20 | | ·04 | ·02 | ·18 | | ·07 | ·25 | ·06 | | 7 |
| 8 | | ·03 | ·22 | ·05 | ·10 | | ·01 | | ·20 | ·23 | ·07 | | 8 |
| 9 | ·11 | ·06 | ·05 | ·06 | | | | | ·03 | ·15 | ·01 | ·10 | 9 |
| 10 | ·16 | ·11 | ·02 | ·07 | | | ·03 | ·02 | ·17 | ·33 | | ·12 | 10 |
| 11 | | ·18 | | ·10 | ·35 | ·06 | ·32 | | | ·01 | ·03 | | 11 |
| 12 | ·14 | ·17 | | | ·10 | | ·03 | ·03 | | ·20 | ·05 | | 12 |
| 13 | ·02 | ·16 | | | ·03 | | ·01 | ·02 | ·45 | | ·01 | ·12 | 13 |
| 14 | ·07 | ·06 | ·05 | ·20 | | | ·03 | | | | ·02 | | 14 |
| 15 | | | | | ·06 | | | | | ·04 | ·10 | ·03 | 15 |
| 16 | ·25 | | ·03 | | ·05 | | | | | ·03 | ·04 | ·05 | 16 |
| 17 | | | ·03 | ·01 | ·01 | | ·05 | | | ·18 | ·05 | ·01 | 17 |
| 18 | | | | | ·02 | | | | | | ·02 | | 18 |
| 19 | | ·04 | ·01 | ·08 | ·04 | | ·03 | ·01 | | ·22 | | | 19 |
| 20 | | | ·26 | ·12 | ·12 | | | ·35 | | ·10 | | | 20 |
| 21 | | | ·50 | ·08 | 1·61 | | ·10 | ·70 | | ·63 | ·04 | ·04 | 21 |
| 22 | | | ·70 | ·06 | ·21 | ·01 | ·05 | | | ·05 | ·15 | | 22 |
| 23 | | ·04 | ·01 | ·13 | ·02 | | ·13 | | ·08 | | ·02 | | 23 |
| 24 | | ·02 | | | ·21 | | ·32 | | ·02 | | ·01 | | 24 |
| 25 | | ·04 | | ·03 | ·07 | | | ·13 | | ·17 | ·01 | | 25 |
| 26 | | ·03 | | | ·20 | | ·27 | | ·42 | ·01 | ·01 | | 26 |
| 27 | | | ·63 | ·21 | ·18 | ·43 | ·11 | | ·02 | ·45 | ·05 | ·06 | 27 |
| 28 | | | | ·02 | ·47 | ·73 | ·02 | ·09 | | ·09 | | | 28 |
| 29 | | | ·07 | ·01 | ·03 | ·01 | ·32 | 1·01 | ·02 | ·26 | ·10 | ·05 | 29 |
| 30 | | × | ·12 | ·02 | ·03 | ·22 | ·12 | ·01 | ·50 | ·11 | ·14 | ·09 | 30 |
| 31 | | × | ·05 | × | ·01 | × | ·23 | | × | ·01 | × | ·01 | 31 |
| TOTAL | 1·10 | 1·04 | 3·05 | 1·40 | 5·04 | 1·54 | 2·55 | 2·42 | 2·40 | 3·88 | 1·04 | ·98 | YEAR'S TOTAL<br>26·44 |
| *Days with ·01 in. or more. | 9 | 16 | 17 | 21 | 28 | 10 | 21 | 12 | 16 | 24 | 22 | 15 | 211 |
| *Days with ·04 in. or more. | 8 | 10 | 12 | 13 | 19 | 4 | 13 | 5 | 10 | 19 | 11 | 12 | 136 |

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*See Instruction 2 (g) on other side.

(Signed) Alfred B. Blackburn

P.T.O.

COPY FOR OFFICIAL USE.

Section **A.** for the entry of Daily Observations. Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Dalton Pumping Station

*in the County of* Durham.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 344·75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·10 | ·01 | | | | | | | ·15 | ·02 | 1 |
| 2 | ·20 | | ·21 | | | | | | | ·02 | 1·10 | ·04 | 2 |
| 3 | ·02 | ·04 | ·32 | | ·18 | | | | | | ·47 | | 3 |
| 4 | ·11 | ·01 | ·08 | | ·04 | | | | | | ·03 | | 4 |
| 5 | ·02 | | ·01 | | ·06 | | | | | | ·02 | | 5 |
| 6 | | ·04 | | | ·12 | | | | | | ·02 | ·08 | 6 |
| 7 | | ·05 | | | ·15 | | | | ·04 | ·19 | | ·03 | 7 |
| 8 | ·02 | | ·17 | ·02 | ·03 | ·02 | ·05 | | | | | ·43 | 8 |
| 9 | | ·20 | | | ·02 | | ·07 | | | ·14 | ·11 | ·05 | 9 |
| 10 | ·04 | ·07 | | | | ·11 | | | | ·27 | ·06 | ·03 | 10 |
| 11 | ·03 | ·02 | | | ·10 | ·01 | ·03 | | | ·03 | ·01 | | 11 |
| 12 | ·02 | | | | ·01 | ·43 | | | | | | ·15 | 12 |
| 13 | | | ·05 | | ·06 | | ·08 | ·15 | ·08 | ·01 | ·06 | | 13 |
| 14 | ·13 | | | | ·04 | | ·52 | ·02 | | | ·24 | ·07 | 14 |
| 15 | ·45 | | ·02 | | | | ·23 | ·02 | | ·22 | ·32 | ·20 | 15 |
| 16 | ·67 | | ·05 | ·04 | ·19 | ·08 | ·06 | ·01 | | | ·12 | ·03 | 16 |
| 17 | ·33 | ·18 | ·10 | ·11 | | ·25 | | ·03 | ·03 | | ·14 | | 17 |
| 18 | | ·25 | ·06 | ·14 | | ·27 | ·01 | ·20 | | | ·20 | | 18 |
| 19 | | | ·20 | | | ·03 | ·32 | | | | ·10 | ·03 | 19 |
| 20 | | ·10 | | ·06 | | | | | ·40 | ·12 | ·04 | | 20 |
| 21 | | ·02 | | ·01 | | ·04 | ·04 | | ·13 | | ·05 | | 21 |
| 22 | | ·20 | | | | | | ·07 | | 1·25 | ·05 | | 22 |
| 23 | | ·12 | | ·01 | ·30 | ·24 | | ·06 | ·18 | ·05 | ·05 | | 23 |
| 24 | | ·15 | | ·17 | ·31 | ·23 | ·06 | | ·19 | ·03 | ·04 | ·08 | 24 |
| 25 | ·05 | ·17 | | ·20 | | | | | ·75 | ·50 | ·08 | ·01 | 25 |
| 26 | ·01 | ·63 | | ·05 | ·03 | | | | | ·20 | ·25 | ·24 | 26 |
| 27 | ·03 | ·02 | | | ·02 | | ·23 | | | ·53 | ·18 | ·05 | 27 |
| 28 | ·05 | | | ·01 | ·01 | | | ·16 | ·05 | ·14 | ·01 | ·10 | 28 |
| 29 | | × | | ·08 | | | ·29 | ·02 | | ·27 | | ·03 | 29 |
| 30 | ·03 | × | ·01 | | | | ·02 | | ·04 | ·02 | | ·24 | 30 |
| 31 | ·04 | × | ·04 | × | | × | ·06 | ·12 | × | | × | ·05 | 31 |
| TOTAL | 2·28 | 2·27 | 1·42 | ·91 | 1·67 | 1·71 | 2·07 | ·86 | 1·89 | 3·99 | 3·90 | 1·96 | YEAR'S TOTAL<br>24·93. |
| *Days with ·01 in. or more. | 19 | 17 | 14 | 13 | 17 | 11 | 15 | 11 | 10 | 17 | 25 | 20 | 189. |
| *Days with .04 in. or more. | 10 | 13 | 11 | 8 | 11 | 8 | 12 | 6 | 9 | 12 | 20 | 13 | 137. |

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*See Instruction 2 (*f*) on other side,

9 M

(*Signed*) Alfred B.E. Blackburn

P.T.O.

3532

**Section** **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

# REGISTER OF RAINFALL IN 1933.

*Kept at* Seaham, Dalton P.S.
*in the County of* Durham
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level..........ft.

Duplicate

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·03 | | ·10 | ·01 | | | | | | | ·15 | ·02 | 1 |
| 2 | ·20 | | ·21 | | | | | | | ·02 | 1·10 | ·04 | 2 |
| 3 | ·02 | ·04 | ·32 | | ·18 | | | | | | ·47 | | 3 |
| 4 | ·11 | ·01 | ·08 | | ·04 | | | | | | ·03 | | 4 |
| 5 | ·02 | | ·01 | | ·06 | | | | | | ·02 | | 5 |
| 6 | | ·04 | | | ·12 | | | | | | ·02 | ·08 | 6 |
| 7 | | ·05 | | | ·15 | | | | ·04 | ·19 | | ·03 | 7 |
| 8 | ·02 | | ·17 | ·02 | ·03 | ·02 | ·05 | | | | | ·43 | 8 |
| 9 | | ·20 | | | ·02 | | ·07 | | | ·14 | ·11 | ·05 | 9 |
| 10 | ·04 | ·07 | | | | ·11 | | | | ·27 | ·06 | ·03 | 10 |
| 11 | ·03 | ·02 | | | ·10 | ·01 | ·03 | | | ·03 | ·01 | | 11 |
| 12 | ·02 | | | | ·01 | ·43 | | | | | | ·15 | 12 |
| 13 | | | ·05 | | ·06 | | ·08 | ·15 | ·08 | ·01 | ·06 | | 13 |
| 14 | ·13 | | | | ·04 | | ·52 | ·02 | | | ·24 | ·07 | 14 |
| 15 | ·45 | | ·02 | | | | ·23 | ·02 | | ·22 | ·32 | ·20 | 15 |
| 16 | ·67 | | ·05 | ·04 | ·19 | ·08 | ·06 | ·01 | | | ·12 | ·03 | 16 |
| 17 | ·33 | ·18 | ·10 | ·11 | | ·25 | | ·03 | ·03 | | ·14 | | 17 |
| 18 | | ·25 | ·06 | ·14 | | ·27 | ·01 | ·20 | | | ·20 | | 18 |
| 19 | | | ·20 | | | ·03 | ·32 | | | | ·10 | ·03 | 19 |
| 20 | | ·10 | | ·06 | | | | | ·40 | ·12 | ·04 | | 20 |
| 21 | | ·02 | | ·01 | | ·04 | ·04 | | ·13 | | ·05 | | 21 |
| 22 | | ·20 | | | | | | ·07 | | 1·25 | ·05 | | 22 |
| 23 | | ·12 | | ·01 | ·30 | ·24 | | ·06 | ·18 | ·05 | ·05 | | 23 |
| 24 | | ·15 | | ·17 | ·31 | ·23 | ·06 | | ·19 | ·03 | ·04 | ·08 | 24 |
| 25 | ·05 | ·17 | | ·20 | | | | | ·75 | ·50 | ·08 | ·01 | 25 |
| 26 | ·01 | ·63 | | ·05 | ·03 | | | | | ·20 | ·25 | ·24 | 26 |
| 27 | ·03 | ·02 | | | ·02 | | ·23 | | | ·53 | ·18 | ·05 | 27 |
| 28 | ·05 | | | ·01 | ·01 | | | ·16 | ·05 | ·14 | ·01 | ·10 | 28 |
| 29 | | | | ·08 | | | ·29 | ·02 | | ·27 | | ·03 | 29 |
| 30 | ·03 | × | ·01 | | | | ·02 | | ·04 | ·02 | | ·24 | 30 |
| 31 | ·04 | × | ·04 | × | | × | ·06 | ·12 | × | | × | ·05 | 31 |
| TOTAL | 2·28 | 2·27 | 1·42 | ·91 | 1·67 | 1·71 | 2·07 | ·86 | 1·89 | 3·99 | 3·90 | 1·96 | YEAR'S TOTAL<br>24·93 |
| *Days with ·01 in. or more. | 19 | 17 | 14 | 13 | 17 | 11 | 15 | 11 | 10 | 17 | 25 | 20 | 189 |
| *Days with ·04 in. or more. | 10 | 13 | 11 | 8 | 11 | 8 | 12 | 6 | 9 | 12 | 20 | 13 | 133 |

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*See Instruction 2 (*f*) on other side.

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(*Signed*).......................................... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Dalton Pumping Station

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 344·75 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·10 | 02 | · | · | · | · | ·04 | ·26 | ·05 | · | · | ·05 | | 1 |
| 2 | ·01 | ·02 | · | · | · | · | · | ·19 | ·17 | · | ·09 | ·25 | | 2 |
| 3 | ·02 | ·02 | · | ·01 | · | · | · | · | · | ·05 | ·06 | ·05 | | 3 |
| 4 | ·02 | · | · | ·08 | · | ·02 | · | · | ·31 | ·08 | ·26 | ·62 | | 4 |
| 5 | · | · | ·12 | · | ·05 | ·01 | · | · | ·01 | · | ·20 | ·34 | | 5 |
| 6 | · | · | · | · | ·28 | ·07 | · | 1·55 | · | ·08 | ·18 | ·18 | | 6 |
| 7 | ·01 | ·03 | ·03 | · | ·01 | ·09 | · | ·01 | ·11 | · | ·02 | ·12 | | 7 |
| 8 | · | · | ·04 | · | ·02 | ·01 | · | ·02 | ·05 | ·03 | · | ·05 | | 8 |
| 9 | · | · | ·01 | ·60 | · | · | · | · | ·02 | ·03 | ·80 | ·02 | | 9 |
| 10 | ·01 | · | ·46 | ·14 | · | · | · | ·33 | · | · | ·32 | · | | 10 |
| 11 | ·08 | · | ·41 | ·75 | · | · | · | ·01 | · | · | ·10 | ·07 | | 11 |
| 12 | ·02 | · | ·25 | ·40 | · | · | ·05 | ·33 | · | · | ·08 | ·18 | | 12 |
| 13 | ·35 | · | ·08 | ·03 | ·02 | · | ·58 | ·12 | ·03 | ·03 | ·10 | ·01 | | 13 |
| 14 | ·28 | · | ·25 | · | ·08 | · | ·30 | · | ·03 | ·03 | ·04 | ·23 | | 14 |
| 15 | · | · | ·02 | · | ·17 | · | · | ·02 | ·08 | ·40 | ·04 | ·10 | | 15 |
| 16 | ·16 | · | ·13 | · | ·07 | ·02 | · | · | · | ·08 | ·05 | · | | 16 |
| 17 | ·03 | · | ·08 | · | 03 | · | ·17 | · | ·15 | ·05 | ·02 | ·20 | | 17 |
| 18 | ·11 | · | ·01 | · | ·38 | ·20 | ·04 | ·05 | · | · | · | ·05 | | 18 |
| 19 | · | · | ·15 | ·17 | ·01 | ·20 | · | ·01 | ·03 | ·07 | ·01 | · | | 19 |
| 20 | - | · | ·28 | ·03 | ·06 | ·02 | · | ·06 | · | · | ·01 | ·01 | | 20 |
| 21 | ·01 | · | · | · | · | ·43 | · | ·04 | ·14 | ·03 | · | · | | 21 |
| 22 | · | · | · | ·03 | · | 1·04 | · | ·08 | ·08 | ·05 | · | · | | 22 |
| 23 | · | · | ·05 | ·25 | · | ·01 | ·16 | ·01 | · | ·20 | ·07 | ·10 | | 23 |
| 24 | · | · | · | · | ·05 | ·30 | ·03 | | ·06 | ·33 | · | ·18 | | 24 |
| 25 | ·01 | · | · | ·10 | · | · | · | · | ·06 | ·20 | ·02 | ·63 | | 25 |
| 26 | ·07 | ·03 | · | ·75 | · | ·04 | · | · | ·01 | ·11 | · | ·01 | | 26 |
| 27 | · | ·35 | · | ·11 | · | ·12 | ·02 | · | · | ·15 | · | ·07 | | 27 |
| 28 | · | · | · | ·40 | · | ·01 | · | ·20 | · | ·03 | · | ·26 | | 28 |
| 29 | · | × | ·04 | · | · | · | ·07 | ·04 | ·37 | ·11 | · | ·11 | | 29 |
| 30 | ·15 | × | ·02 | · | · | · | ·14 | ·15 | ·04 | ·70 | · | · | | 30 |
| 31 | ·10 | × | · | ×. | · | × | | ·02 | × | ·10 | × | ·04 | | 31 |
| TOTAL | 1·54 | ·47 | 2·43 | 3·85 | 1·23 | 2·59 | 1·60 | 3·50 | 1·80 | 2·94 | 2·47 | 3·93 | Year's Total<br>28·35 ✓ | |
| *Days with ·01 in. or more. | 18 | 6 | 18 | 15 | 13 | 16 | 11 | 20 | 19 | 22 | 19 | 25 | 202 | |
| *Days with .04 in. or more. | 9 | 1 | 13 | 11 | 8 | 9 | 9 | 13 | 13 | 16 | 14 | 21 | 137 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Alfred Br. Blackburn

[P. T. O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Seaham, Dalton P.S.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

Duplicate

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·10 | ·02 | | | | | ·04 | ·26 | ·05 | | | ·05 | | 1 |
| 2 | ·01 | ·02 | | | | | | 19 | ·17 | | ·09 | 25 | | 2 |
| 3 | ·02 | ·02 | | ·01 | | | | | | ·05 | ·06 | ·05 | | 3 |
| 4 | ·02 | | | ·08 | | ·02 | | | ·31 | ·08 | 26 | ·62 | | 4 |
| 5 | | | ·12 | | ·05 | ·01 | | | ·01 | | ·20 | ·34 | | 5 |
| 6 | | | | | ·28 | ·07 | | 1·55 | | ·08 | ·18 | ·18 | | 6 |
| 7 | ·01 | ·03 | ·03 | | ·01 | ·09 | | ·01 | ·11 | | ·02 | ·12 | | 7 |
| 8 | | | ·04 | | ·02 | ·01 | | ·02 | ·05 | ·03 | | ·05 | | 8 |
| 9 | | | ·01 | ·60 | | | | | ·02 | ·03 | ·80 | ·02 | | 9 |
| 10 | ·01 | | ·46 | ·14 | | | | ·33 | | | ·32 | | | 10 |
| 11 | ·08 | | ·41 | ·75 | | | | ·01 | | | ·10 | ·07 | | 11 |
| 12 | ·02 | | ·25 | ·40 | | | ·05 | ·33 | | | ·08 | ·18 | | 12 |
| 13 | ·35 | | ·08 | ·03 | ·02 | | ·58 | ·12 | ·03 | ·03 | ·10 | ·01 | | 13 |
| 14 | ·28 | | ·25 | | ·08 | | ·30 | | ·03 | ·03 | ·04 | ·23 | | 14 |
| 15 | | | ·02 | | ·17 | | | ·02 | ·08 | ·40 | ·04 | ·10 | | 15 |
| 16 | ·16 | | ·13 | | ·07 | ·02 | | | | ·08 | ·05 | | | 16 |
| 17 | ·03 | | ·08 | | ·03 | | ·17 | | ·15 | ·05 | ·02 | ·20 | | 17 |
| 18 | ·11 | | ·01 | | ·38 | ·20 | ·04 | ·05 | | | | ·05 | | 18 |
| 19 | | | ·15 | ·17 | ·01 | ·20 | | ·01 | ·03 | ·07 | ·01 | | | 19 |
| 20 | | | ·28 | ·03 | ·06 | ·02 | | ·06 | | | ·01 | ·01 | | 20 |
| 21 | ·01 | | | | | ·43 | | ·04 | ·14 | ·03 | | | | 21 |
| 22 | | | | ·03 | | 1·04 | | ·08 | ·08 | ·05 | | | | 22 |
| 23 | | | ·05 | ·25 | | ·01 | ·16 | ·01 | | ·20 | ·07 | ·10 | | 23 |
| 24 | | | | | ·05 | ·30 | ·03 | | ·06 | ·33 | | ·18 | | 24 |
| 25 | ·01 | | | ·10 | | | | | ·06 | ·20 | ·02 | ·63 | | 25 |
| 26 | ·07 | ·03 | | ·75 | | ·04 | | | ·01 | ·11 | | ·01 | | 26 |
| 27 | | ·35 | | ·11 | | ·12 | ·02 | | | ·15 | | ·07 | | 27 |
| 28 | | | | ·40 | | ·01 | | ·20 | | ·03 | | ·26 | | 28 |
| 29 | | | ·04 | | | | ·07 | ·04 | ·37 | ·11 | | ·11 | | 29 |
| 30 | ·15 | X | ·02 | | | | ·14 | ·15 | ·04 | ·70 | | | | 30 |
| 31 | ·10 | X | | X | | X | | ·02 | X | ·10 | X | ·04 | | 31 |
| TOTAL | 1·54 | ·47 | 2·43 | 3·85 | 1·23 | 2·59 | 1·60 | 3·50 | 1·80 | 2·94 | 2·47 | 3·93 | Year's Total<br>28·35 | |
| *Days with ·01 in. or more. | 18 | 6 | 18 | 15 | 13 | 16 | 11 | 20 | 19 | 22 | 19 | 25 | 202 | |
| *Days with ·04 in. or more. | 9 | 1 | 13 | 11 | 8 | 9 | 9 | 13 | 13 | 16 | 14 | 21 | 137 | |

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*See Instruction 2 (*f*) on other side.

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† Spare column, no entries required.

(*Signed*) ........

[P.T.O.

COPY FOR OFFICIAL USE. X

**Section** **A** for the entry of Daily Observations. Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Seaham, Dalton P.S.

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level ........ ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·43 | | ·06 | ·20 | | | ·05 | | ·34 | ·02 | | ·10 | | 1 |
| 2 | | | ·01 | ·40 | | ·06 | | | | ·60 | | | | 2 |
| 3 | ·01 | ·41 | ·12 | ·15 | | ·58 | | | ·10 | | ·23 | | | 3 |
| 4 | | ·01 | ·01 | | | ·52 | | | | 1·00 | ·13 | | | 4 |
| 5 | ·15 | ·35 | ·01 | | | ·01 | | | ·06 | ·18 | ·07 | | | 5 |
| 6 | ·10 | ·02 | | | | ·13 | | | | ·19 | | | | 6 |
| 7 | ·27 | | | ·15 | | ·27 | | | | ·10 | ·60 | ·10 | | 7 |
| 8 | | ·05 | | ·12 | | ·03 | | | | ·02 | ·04 | ·07 | | 8 |
| 9 | ·02 | ·02 | | ·43 | ·01 | ·01 | | | | ·32 | ·23 | ·07 | | 9 |
| 10 | | ·08 | | ·02 | | ·13 | | ·02 | | ·04 | ·08 | | | 10 |
| 11 | ·05 | | | ·04 | ·01 | ·03 | | ·25 | | | ·06 | ·06 | | 11 |
| 12 | | | | | | ·03 | | | ·02 | | | | | 12 |
| 13 | ·10 | | | ·03 | ·28 | | | | ·05 | | | ·03 | | 13 |
| 14 | | | | ·08 | ·14 | ·13 | ·06 | | ·03 | ·01 | ·23 | ·03 | | 14 |
| 15 | | ·03 | | ·40 | ·13 | | | ·01 | ·03 | ·05 | ·03 | ·06 | | 15 |
| 16 | ·01 | ·20 | ·10 | ·28 | ·32 | ·06 | ·08 | ·22 | ·25 | | ·25 | ·10 | | 16 |
| 17 | ·01 | | ·01 | ·20 | ·06 | ·16 | | | ·01 | ·02 | 1·00 | ·30 | | 17 |
| 18 | ·05 | | | | ·01 | ·13 | ·10 | | ·04 | ·06 | ·14 | ·02 | | 18 |
| 19 | ·07 | ·05 | | ·02 | | ·22 | ·10 | | | ·01 | | | | 19 |
| 20 | ·01 | ·16 | | ·33 | | ·13 | | | | | ·06 | | | 20 |
| 21 | | ·10 | ·04 | ·22 | | | | | 3·05/ | ·45 | ·13 | | | 21 |
| 22 | | ·35 | ·02 | | | | | | ·02 | | ·10 | | | 22 |
| 23 | ·06 | | ·11 | | | | | ·13 | | ·03 | ·12 | | | 23 |
| 24 | ·06 | ·45 | ·07 | ·03 | | ·01 | | | ·94 | | | ·35 | | 24 |
| 25 | ·08 | ·06 | | | | ·02 | | | ·01 | | ·03 | ·11 | | 25 |
| 26 | ·56 | | | ·05 | | | ·05 | 1·40 | ·30 | ·12 | | ·27 | | 26 |
| 27 | ·27 | ·04 | | | | ·05 | ·05 | ·13 | ·16 | ·10 | ·12 | ·26 | | 27 |
| 28 | ·05 | ·08 | ·02 | | | | | ·03 | ·03 | ·25 | | | | 28 |
| 29 | ·01 | | ·16 | | | ·02 | | ·05 | ·04 | ·02 | | ·10 | | 29 |
| 30 | | X | ·01 | | | ·28 | | ·04 | ·55 | ·22 | ·25 | | | 30 |
| 31 | | X | | X | | X | | | X | | X | ·19 | | 31 |
| TOTAL | 2·37 | 2·46 | ·75 | 3·15 | ·96 | 3·01 | ·49 | 2·28 | 6·03 | 3·81 | 3·90 | 2·22 | Year's Total<br>31·43 | |
| *Days with ·01 in. or more. | 20 | 17 | 14 | 18 | 8 | 22 | 7 | 10 | 19 | 21 | 20 | 17 | 193 | |
| *Days with .04 in. or more. | 14 | 13 | 7 | 14 | 5 | 14 | 7 | 7 | 12 | 14 | 18 | 14 | 139 | |

† Spare column, no entries required.

(*Signed*) A. B. E. Blackburn Esq. C.E.

40-9999

*See Instruction 2 (*f*) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Seaham, Dalton P.S.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft . in.

,, Ground ,, Sea Level 344·45 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·30 | ·10 | ·24 | | | ·08 | ·09 | ·27 | ·15 | ·02 | ·02 | · | | 1 |
| 2 | ·03 | | ·02 | | | ·10 | ·21 | ·02 | · | · | ·05 | ·03 | | 2 |
| 3 | | ·08 | ·01 | | | 1·25 | ·42 | | ·25 | · | · | · | | 3 |
| 4 | ·21 | | ·05 | ·02 | ·02 | ·03 | | ·58 | ·04 | ·05 | ·03 | ·06 | | 4 |
| 5 | ·10 | | | | ·02 | ·03 | | ·10 | ·02 | · | ·02 | · | | 5 |
| 6 | ·05 | | | ·02 | ·02 | ·01 | ·02 | ·75 | ·50 | ·01 | ·14 | · | | 6 |
| 7 | ·17 | | ·01 | | ·01 | | ·63 | | ·08 | · | ·01 | ·04 | | 7 |
| 8 | ·10 | | ·12 | | | | | | ·01 | ·04 | ·04 | ·03 | | 8 |
| 9 | ·75 | | ·35 | | ·10 | ·01 | | ·14 | · | ·24 | ·05 | · | | 9 |
| 10 | ·11 | | ·03 | ·01 | | | ·18 | | · | ·01 | · | · | | 10 |
| 11 | | | ·01 | ·13 | | ·01 | ·10 | ·14 | · | · | ·45 | · | | 11 |
| 12 | | | ·01 | ·24 | ·10 | ·10 | ·03 | ·05 | ·15 | · | ·31 | ·04 | | 12 |
| 13 | | | | ·32 | | ·11 | ·06 | | · | ·10 | ·02 | ·80 | | 13 |
| 14 | | | | ·20 | | ·21 | ·02 | ·05 | ·02 | · | ·01 | ·60 | | 14 |
| 15 | | | ·01 | ·48 | | ·01 | ·19 | ·23 | ·02 | · | ·16 | ·03 | | 15 |
| 16 | ·11 | | | ·05 | | | ·02 | | · | · | ·44 | · | | 16 |
| 17 | ·01 | ·43 | | | ·22 | | ·17 | ·02 | · | ·03 | ·43 | ·02 | | 17 |
| 18 | | ·15 | | ·08 | | ·01 | | ·04 | ·01 | ·01 | ·01 | · | | 18 |
| 19 | ·40 | ·25 | | | | | ·13 | | · | ·06 | · | · | | 19 |
| 20 | ·25 | ·14 | | | ·04 | | ·03 | | · | ·02 | · | · | | 20 |
| 21 | ·09 | | ·02 | ·03 | | | | | · | · | · | ·06 | | 21 |
| 22 | | ·42 | ·08 | | ·10 | ·06 | | | · | · | · | | | 22 |
| 23 | | | | ·06 | ·10 | | ·49 | | · | · | · | | | 23 |
| 24 | ·02 | ·14 | ·01 | ·02 | 1·18 | | ·01 | | ·66 | ·15 | · | | | 24 |
| 25 | ·32 | | ·05 | | ·02 | | ·01 | | ·50 | ·01 | · | | | 25 |
| 26 | ·01 | ·02 | ·70 | | | | ·03 | | ·10 | ·24 | ·02 | · | | 26 |
| 27 | ·03 | | ·05 | | ·01 | | | | ·15 | ·15 | ·02 | · | | 27 |
| 28 | ·23 | ·53 | | | | | ·10 | | ·01 | · | ·02 | · | | 28 |
| 29 | ·70 | ·63 | ·16 | | ·13 | ·93 | ·07 | | · | ·12 | ·20 | ·01 | | 29 |
| 30 | ·03 | ✕ | | | ·03 | ·06 | ·40 | | ·02 | ·15 | · | · | | 30 |
| 31 | | ✕ | ·03 | ✕ | ·02 | ✕ | | | ✕ | ·01 | ✕ | ·10 | | 31 |
| TOTAL | 2<br>4·0~~1~~ | 2·89 | 1·96 | 1·66 | 2·12 | 3·01 | 3·41 | 2·39 | 2·42 | 1·45 | 2·75 | 1·81 | Year's Total.<br>30·19 | |
| * Days with .01 in. or more. | 21 | 11 | 19 | 13 | 16 | 16 | 22 | 12 | 14 | 18 | 20 | 12 | 197 | |
| * Days with .04 in. or more. | 15 | 10 | 9 | 8 | 8 | 9 | 14 | 10 | 10 | 10 | 10 | 7 | 120 | |

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) A. B. E. Blackburn Esq. L.E. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3532

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FORM 1090.

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*Kept at* Seaham (Dalton P.S.)

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. ... in.

,, Ground ,, Sea Level 344.75 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following ✓

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·05 | . | ·12 | . | . | ·09 | ·01 | . | ·05 | . | ·01 | ·14 | | 1 |
| 2 | . | ·05 | ·02 | ·30 | . | ·02 | . | . | ·03 | . | . | ·20 | | 2 |
| 3 | . | ·02 | . | ·12 | ·02 | ·16 | ·96 | . | . | . | . | ·05 | | 3 |
| 4 | ·05 | ·03 | ·08 | ·03 | ·22 | . | ·02 | ·12 | ·01 | . | . | ·07 | | 4 |
| 5 | ·01 | . | ·20 | ·01 | ·30 | ·01 | ·06 | . | ·05 | . | . | ·26 | | 5 |
| 6 | ·01 | . | ·07 ✓ | ·02 | ·06 | . | . | . | . | . | ·15 | ·12 | | 6 |
| 7 | . | ·21 | ·11 | ·03 | . | ·03 | ·18 | . | . | . | ·01 | ·12 | | 7 |
| 8 | . | ·36 | ·18 | | . | ·03 | ·09 | ·03 | . | . | ·10 | ·32 | | 8 |
| 9 | . | ·02 | ·30 | ·08 | ·02 | ·01 | ·27 | ·13 | . | . | ·51 | ·31 | | 9 |
| 10 | . | ·02 | ·02 | . | ·30 | ·02 | ·08 | . | ·04 | ·03 | ·28 | ·16 | | 10 |
| 11 | . | . | ·46 | ·32 | ·10 | . | . | . | ·05 | ·02 | . | ·73 | | 11 |
| 12 | ·05 | ·25 | ·32 | ·05 | ·04 | ·01 | . | ·02 | ·03 | . | : | ·18 | | 12 |
| 13 | . | ·06 | ·05 ✓ | ·05 | ·08 | ·04 | . | . | ·12 | . | . | ·68 | | 13 |
| 14 | . | . | ·15 | ·01 | ·01 | ·72 | . | ·51 | . | . | . | ·57 | | 14 |
| 15 | ·09 | ·36 | ·01 | ·23 | . | . | . | . | ·07 | . | . | ·14 | | 15 |
| 16 | ·05 | ·03 | ·35 | ·68 | . | ·03 | . | ·05 | ·02 | . | . | ·44 | | 16 |
| 17 | ·11 | ·03 | ·13 | ·13 | ·16 | ·04 | . | ·01 | ·52 | . | . | ·09 | | 17 |
| 18 | ·11 | ·05 | ·20 | . | . | ·15 | – | ·05 | ·04 | . | ·10 | . | | 18 |
| 19 | . | ·02 | . | ·09 | . | ·02 | . | ·06 | . | . | ·50 | . | | 19 |
| 20 | ·07 | . | ·05 | ·03 | ·92 | . | . | ·02 | . | ·02 | ·03 | . | | 20 |
| 21 | ·01 | . | ·08 | ·05 | ·21 | . | ·22 | . | . | ·03 | . | ·08 | | 21 |
| 22 | ·03 | . | ·12 | ·02 | ·02 | . | ·02 | . | . | ·14 | ·12 | ·02 | | 22 |
| 23 | ·43 | . | ·03 | . | ·32 | ·02 | ·02 | . | . | ·67 | ·03 | . | | 23 |
| 24 | ·33 | . | ·02 | . | . | . | ·40 | . | ·09 | ·17 | . | . | | 24 |
| 25 | ·07 | ·27 | | . | . | . | ·03 | ·13 | . | ·25 | . | | | 25 |
| 26 | ·02 | ·18 | ·28 | . | ·45 | . | . | . | ·01 | ·02 | ·01 | . | | 26 |
| 27 | . | ·72 | ·12 | ·08 | . | . | ·03 | . | . | ·28 | ·02 | ·01 | | 27 |
| 28 | ·02 | ·04 | ·09 | | . | ·02 | . | . | | ·13 | . | ·01 | | 28 |
| 29 | ·05 | ✗ | ·01 | . | . | ·01 | . | ·02 | . | ·04 | ·03 | ·02 | | 29 |
| 30 | ·15 | ✗ | . | . | . | ·16 | . | . | | ·04 | ·12 | ·05 | | 30 |
| 31 | ·53 | ✗ | . | ✗ | . | ✗ | . | ·03 | ✗ | ·25 | ✗ | ·04 | | 31 |
| TOTAL | 2.23 | 2.72 | 3.57 | 2.33 | 3.23 | 1.61 | 2.39 | 1.18 | 1.13 | 2.09 | 2.02 | 4.73 | Year's Total<br>29.23 | |
| * Days with .01 in. or more. | 20 | 18 | 26 | 19 | 16 | 19 | 14 | 13 | 14 | 14 | 15 | 24 | 212 | |
| * Days with .04 in. or more. | 14 | 11 | 20 | 12 | 12 | 8 | 8 | 7 | 9 | 9 | 8 | 20 | 138 | |

P.P. SUNDERLAND & SOUTH SHIELDS WATER Co.

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred. Be. Blackburn

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3532

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

*Kept at* Seaham, Dalton Pumping Station

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 344·75 ft.

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VALUES FORWARDED MONTHLY

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**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | · | · | · | · | 1·65 | ·03 | ·01 | ·26 | · | ·05 | ·22 | | 1 |
| 2 | ·20 | · | · | · | · | ·30 | ·02 | · | ·11 | ·20 | ·13 | ·09 | | 2 |
| 3 | ·10 | · | · | · | · | | ·17 | · | ·10 | ·62 | ·10 | · | | 3 |
| 4 | ·17 | · | · | ·02 | · | ·02 | ·19 | · | · | ·03 | · | ·32 | | 4 |
| 5 | · | · | ·04 | · | · | · | ·26 | ·38 | · | ·06 | · | · | | 5 |
| 6 | ·01 | · | ·01 | · | · | ·07 | ·13 | ·01 | ·03 | ·08 | · | · | | 6 |
| 7 | · | · | · | · | · | · | ·27 | ·01 | ·16 | ·04 | · | · | | 7 |
| 8 | ·25 | · | · | · | · | · | ·24 | ·02 | · | ·46 | ·22 | ·10 | | 8 |
| 9 | ·06 | ·03 | · | · | ·05 | ·02 | · | ·02 | ·03 | · | · | ·33 | | 9 |
| 10 | · | · | · | · | · | ·08 | ·01 | · | ·05 | · | · | ·03 | | 10 |
| 11 | · | · | · | · | ·02 | ·01 | ·02 | · | · | · | ·06 | ·04 | | 11 |
| 12 | ·10 | ·30 | · | · | ·04 | · | ·01 | ·47 | · | ·23 | ·06 | · | | 12 |
| 13 | ·03 | ·09 | · | · | | · | ·02 | ·03 | ·15 | · | ·23 | ·12 | | 13 |
| 14 | ·22 | ·01 | · | · | ·02 | · | · | · | · | · | · | ·05 | | 14 |
| 15 | ·40 | ·05 | · | · | · | · | ·26 | ·16 | · | ·05 | ·· | ·26 | | 15 |
| 16 | ·17 | | · | · | ·34 | · | ·86 | ·02 | ·20 | · | ·04 | ·26 | | 16 |
| 17 | · | · | · | ·01 | ·48 | · | · | ·07 | ·01 | ·33 | ·05 | · | | 17 |
| 18 | ·01 | ·06 | · | · | ·04 | | · | ·01 | ·25 | ·06 | ·25 | ·02 | | 18 |
| 19 | · | · | · | · | ·04 | ·06 | · | ·10 | ·12 | · | · | ·10 | | 19 |
| 20 | · | · | · | · | · | · | · | ·03 | ·12 | · | ·35 | ·05 | | 20 |
| 21 | · | · | ·10 | · | · | | · | ·03 | · | · | · | ·10 | | 21 |
| 22 | · | ·01 | · | ·01 | · | ·04 | · | · | · | · | ·19 | ·14 | | 22 |
| 23 | ·02 | · | · | · | ·10 | ·07 | · | · | ·05 | · | ·12 | ·04 | | 23 |
| 24 | ·02 | · | ·01 | ·02 | ·05 | ·04 | · | ·40 | ·20 | ·06 | · | · | | 24 |
| 25 | · | · | ·01 | · | ·14 | ·02 | ·02 | ·08 | · | ·42 | ·22 | ·10 | | 25 |
| 26 | · | ·62 | ·05 | · | | ·04 | · | · | ·02 | ·25 | · | · | | 26 |
| 27 | ·03 | ·03 | · | ·07 | ·33 | ·05 | ·16 | ·22 | ·04 | ·23 | ·08 | · | | 27 |
| 28 | ·08 | · | · | ·02 | ·80 | ·30 | · | ·01 | ·07 | ·03 | · | ·04 | | 28 |
| 29 | ·03 | | · | ·03 | ·50 | ·04 | ·03 | ·01 | | · | ·06 | ·01 | | 29 |
| 30 | ·06 | | · | · | ·09 | · | · | ·01 | ·12 | ·02 | ·11 | – | | 30 |
| 31 | ·12 | | · | | ·20 | | · | | | ·08 | | ·50 | | 31 |
| TOTAL | 1·86 | 1·09 | ·22 | ·18 | 3·24 | 2·81 | 2·69 | 2·10 | 2·09 | 3·23 | 2·32 | 2·92 | Year's Total 24·75 | |
| * Days with .01 in. or more. | 20 | 9 | 6 | 7 | 16 | 16 | 17 | 21 | 19 | 18 | 17 | 21 | 187 | |
| * Days with .04 in. or more. | 13 | 5 | 3 | 1 | 14 | 12 | 9 | 8 | 15 | 15 | 17 | 18 | 130 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred B. E. Blackburn.

P.T.O.

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FORM 1090

# REGISTER OF RAINFALL IN 1939

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Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 344.45 ft.

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·26 | · | ·01 | ·02 | ·02 | · | ·01 | ·05 | · | ·10 | ·05 | · | | 1 |
| 2 | ·10 | · | · | ·10 | · | · | ·03 | ·52 | ·45✓ | ·08 | ·20 | · | | 2 |
| 3 | · | ·01 | ·01 | ·12 | · | · | · | ·21 | · | · | ·30 | ·05 | | 3 |
| 4 | · | · | ·14 | ·02 | · | · | ·10 | · | ·15 | · | ·12 | ·12 | | 4 |
| 5 | · | · | · | | · | · | ·15 | ·78 | · | ·12 | ·38 | ·20 | | 5 |
| 6 | ·14 | · | · | · | ·46 | · | ·20 | · | · | ·10 | ·03 | · | | 6 |
| 7 | ·02 | ·01 | ·02 | · | ·11 | · | ·01 | · | · | ·14 | ·03 | ·11 | | 7 |
| 8 | ·06 | · | ·09 | ·11 | · | · | ·13 | ·10 | · | · | ·04 | ·31 | | 8 |
| 9 | ·10 | ·04 | · | · | · | · | ·22 | ·05 | ·01 | 1·15 | ·02 | ·12 | | 9 |
| 10 | ·16 | · | · | · | · | ·02 | · | ·06 | ·25 | ·03 | ·01 | ·01 | | 10 |
| 11 | ·58 | · | ·28 | · | · | ·18 | · | ·04 | ·03 | ·15 | ·01 | ·03 | | 11 |
| 12 | · | ·05 | · | · | · | ·04 | ·04 | · | · | 1·30 | · | ·01 | | 12 |
| 13 | · | ·01 | ·05 | ·04 | · | · | · | · | ·03 | ·08 | ·04 | · | | 13 |
| 14 | ·33 | · | ·02 | · | ·10 | ·36 | ·14 | · | ·04 | ·28 | ·14 | ·01 | | 14 |
| 15 | ·15 | · | · | · | ·02 | ·20 | ·05 | · | ·03 | ·28 | · | ·08 | | 15 |
| 16 | ·08 | · | ·05 | · | ·60 | · | ·04 | · | · | · | · | · | | 16 |
| 17 | ·23 | · | · | ·03 | ·04 | · | ·05 | · | · | · | · | · | | 17 |
| 18 | ·49 | · | ·06 | · | | ·55 | ·08 | · | ·04 | ·26 | ·43 | · | | 18 |
| 19 | ·11 | · | ·03 | · | · | ·34 | [illegible] | · | ·02 | · | · | ·02 | | 19 |
| 20 | | · | · | · | ·01 | · | ·01 | ·95 | ·02 | · | · | · | | 20 |
| 21 | ·13 | ·16 | ·01 | ·04 | ·03 | · | · | ·15 | ·03 | · | · | · | | 21 |
| 22 | ·30 | ·08 | · | ·12 | · | · | ·03 | · | ·03 | · | ·01 | · | | 22 |
| 23 | ·04 | ·03 | ·04 | ·03 | · | ·19 | ·08 | · | ·03 | · | · | · | | 23 |
| 24 | · | ·03 | ·10 | ·12 | ·01 | ·05 | · | ·02 | · | · | · | · | | 24 |
| 25 | ·27 | · | ·03 | ·02 | · | · | · | ·04 | · | ·04 | ·02 | ·11 | | 25 |
| 26 | ·05 | ·03 | ·04 | · | · | ·06 | · | ·13 | ·02 | ·36 | ·01 | · | | 26 |
| 27 | ·21 | ·18 | ·52 | ·02 | · | ·02 | ·06 | ·03 | · | ·11 | ·03 | · | | 27 |
| 28 | ·30 | ·16 | ·31 | ·04 | · | ·17 | ·16 | · | · | ·03 | ·24 | ·08 | | 28 |
| 29 | ·02 | × | · | · | · | ·01 | ·28 | · | · | ·38 | · | · | | 29 |
| 30 | ·02 | × | · | ·02 | · | ·18 | ·04 | ·02 | · | ·09 | ·16 | · | | 30 |
| 31 | · | × | · | × | · | × | ·09 | · | × | ·16 | × | · | | 31 |
| TOTAL | 4.11 | ·79 | 1.84 | ·85 | 1·30 | 2.37 | 2.00 | 3.15 | 1·51 | 5·24 | 2·60 | 1·26 | Year's Total 27·05 | |
| * Days with .01 in. or more. | 23 | 12 | 18 | 15 | 10 | 14 | 22 | 15 | 15 | 20 | 20 | 14 | 198 | |
| * Days with .04 in. or more. | 20 | 6 | 11 | 8 | 5 | 11 | 17 | 12 | 5 | 18 | 11 | 9 | 133 | |

† Spare column, no entries required.

(*Signed*) Alfred B. Blackburn

P.T.O.

* See Instruction 3 (f) on other side.

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | · | · | · | ·03 | · | · | · | · | · | · | ·02 | · | | 1 |
| 2 | · | · | · | ·25 | · | · | ·04 | · | · | · | ·15 | ·07 | | 2 |
| 3 | ·06 | ·25 | · | ·06 | · | · | ·23 | · | · | ·06 | ·10 | ·05 | | 3 |
| 4 | · | ·20 | · | ·04 | · | · | ·30 | · | · | ·04 | ·15 | ·10 | | 4 |
| 5 | · | ·01 | · | · | ·21 | · | ·24 | ·01 | · | · | ·05 | ·13 | | 5 |
| 6 | ·07 | ·08 | · | · | · | · | · | · | · | ·52 | ·16 | ·20 | | 6 |
| 7 | ·03 | ·30 | · | ·04 | · | · | ·02 | ·03 | ·06 | · | · | ·02 | | 7 |
| 8 | · | ·01 | · | · | · | ·03 | · | ·20 | ·02 | ·18 | · | · | | 8 |
| 9 | · | · | ·20 | · | · | · | ·37 | ·01 | · | ·12 | ·45 | ·13 | | 9 |
| 10 | · | · | ·02 | · | · | · | 1·13 | ·07 | · | · | ·10 | · | | 10 |
| 11 | · | ·07 | ·14 | · | · | · | ·30 | · | · | · | ·36 | ·02 | | 11 |
| 12 | · | ·01 | ·60 | · | ·01 | ·15 | · | · | ·21 | · | ·01 | · | | 12 |
| 13 | · | ·27 | ·14 | · | · | · | ·10 | · | ·20 | ·01 | ·04 | · | | 13 |
| 14 | · | · | ·03 | · | · | · | ·25 | · | ·03 | ·04 | · | ·18 | | 14 |
| 15 | ·10 | · | · | · | ·26 | ·08 | · | · | · | · | ·10 | · | | 15 |
| 16 | · | · | · | · | · | · | ·60 | · | ·85 | ·46 | ·01 | ·02 | | 16 |
| 17 | · | · | ·18 | · | · | · | 1·52 | · | ·03 | ·24 | ·51 | ·02 | | 17 |
| 18 | · | ·07 | ·10 | ·18 | · | · | ·40 | ·25 | ·07 | · | ·80 | ·13 | | 18 |
| 19 | · | ·07 | · | ·07 | · | ·02 | ·20 | · | ·02 | ·01 | ·25 | ·04 | | 19 |
| 20 | · | ·01 | ·01 | ·10 | · | · | ·13 | ·48 | ·01 | ·03 | ·02 | · | | 20 |
| 21 | ·25 | · | ·14 | ·04 | · | ·47 | ·01 | ·12 | · | ·15 | ·35 | · | | 21 |
| 22 | ·16 | ·01 | ·01 | · | ·14 | ·08 | · | ·10 | ·03 | ·42 | · | · | | 22 |
| 23 | · | ·03 | · | ·19 | ·03 | · | · | · | · | ·11 | ·05 | ·10 | | 23 |
| 24 | ·12 | ·03 | · | ·05 | ·46 | · | · | · | ·09 | ·06 | · | ·23 | | 24 |
| 25 | ·04 | · | · | · | ·07 | · | ·20 | · | · | ·02 | · | ·04 | | 25 |
| 26 | ·23 | ·02 | · | ·03 | ·22 | · | ·23 | ·15 | ·05 | ·06 | · | · | | 26 |
| 27 | ·03 | ·05 | · | ·21 | · | · | · | · | · | ·07 | · | ·04 | | 27 |
| 28 | · | ·33 | · | ·04 | · | · | ·01 | ·03 | ·03 | · | ·05 | · | | 28 |
| 29 | · | · | ·20 | ·01 | · | ·03 | ·02 | · | · | · | · | ·08 | | 29 |
| 30 | ·04 | ✕ | · | · | · | · | · | · | · | ·50 | · | ·82 | | 30 |
| 31 | ·29 | ✕ | ·02 | ✕ | · | ✕ | · | · | ✕ | ·30 | ✕ | ·11 | | 31 |
| TOTAL | 1·42 | 1·82 | 1·88 | 1·34 | 1·40 | ·86 | 6·30 | 1·45 | 1·70 | 3·40 | 3·73 | 2·53 | Year's Total 27·83 | ✓ |
| * Days with .01 in. or more. | 12 | 18 | 13 | 15 | 8 | 7 | 20 | 11 | 14 | 20 | 20 | 20 | 178 | ✓ |
| * Days with .04 in. or more. | 10 | 10 | 8 | 12 | 6 | 4 | 16 | 7 | 7 | 16 | 16 | 16 | 128 | ✓ |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Alfred B. Blackburn

[P.T.O.

3533

DRYDERDALE

1931 — 34

780701

3533

FORM 1090. **B** Mo
Su

*,* The following register of monthl
&c., is NOT required if daily o
values are given on the other si

…nd also the space for

…ster should be sent:—

…dale, Witton-le-Wear
Co Durham

## RAINFALL IN 193

At Dryderdale Estate

In the County of Durham

Rain Gauge
Diameter of Funnel
*Height of Top above Ground* ........ *ft*
*Height of Ground above Sea Level*

in Summer
Direction from gauge
Direction from gauge

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Nu Da ·01 i or mo |
|---|---|---|---|---|
| | Inches. | Inches. | Date. | * |
| JAN. | 2·39 | | | |
| FEB. | 1·79 | | | |
| MAR. | 1·33 | | | |
| APRIL | 2·15 | | | |
| MAY | 3·52 | | | |
| JUNE | 4·25 | | | |
| JULY | 3·56 | | | |
| AUG. | 4·14 | | | |
| SEPT. | 3·10 | | | |
| OCT. | 1·24 | | | |
| NOV. | 3·59 | | | |
| DEC. | 1·30 | | | |
| Total | 32·36 | | | |

*Signature* (Mrs) M. Cranston

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1" low in April. Difficult to prove owing to isolation not allocation. Suggest accept.

*See Instruction 2 (*f*) below.

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

15 JAN 1932

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3533

FORM 1090.

## B Mo Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 193

At Dryderdale Estate.

In the County of Durham

Rain Gauge
- Diameter of Funnel ..... in.
- *Height of Top above Ground ..... ft ..... in.*
- *Height of Ground above Sea Level ..... ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| JAN. | 2·39 | | | | |
| FEB. | 1·79 | | | | |
| MAR. | 1-33 | | | | |
| APRIL | 2·15 | | | | |
| MAY | 3-52 | | | | |
| JUNE | 4-25 | | | | |
| JULY | 3-56 | | | | |
| AUG. | 4·14 | | | | |
| SEPT. | 3.10 | | | | |
| OCT. | 1-24 | | | | |
| NOV. | 3·59 | | | | |
| DEC. | 1·30 | | | | |
| Total | 32·36 | | | | |

*Signature* (Mrs) M. Cranston

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
(Mrs) M. Cranston
Knitsley Cottage, Dryderdale, Witton-le-Wear
Co Durham

Hour of observation by the clock—in Winter ..... in Summer .....

Nearest Railway Station Wolsingham Distance ..... Direction from gauge .....

Nearest Parish Church at Hamsterley Distance ..... Direction from gauge .....

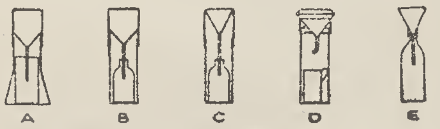
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ..... Distance ..... Direction .....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall.
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1" low in April. Difficult to prove owing to isolation not allocation. Suggest accept.

## D INSTRUCTIONS.

15 JAN 1932

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3533

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1933

At

In the County of

Rain Gauge
Diameter of Funnel ... in.
*Height of Top above Ground* ... *ft* ... *in.*
*Height of Ground above Sea Level* ... *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 2.15 | | | | |
| FEB. | 1·4 | | | | |
| MAR. | 2·45 | | | | |
| APRIL | 2·81 | | | | |
| MAY | 4·3 | | | | |
| JUNE | 1·7 | | | | |
| JULY | 2·28 | | | | |
| AUG. | 3·20 | | | | |
| SEPT. | 2·67 | | | | |
| OCT. | 5·15 | | | | |
| NOV. | 1·72 | | | | |
| DEC. | 1·65 | | | | |
| Total | 30·22 | | | | |

*Signature* M. Cranston

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
(Mrs) M. Cranston
Knitsley Cottage, Witton-le-Wear

Hour of observation by the clock—in Winter ... in Summer ...

Nearest Railway Station Wolsingham Distance ... Direction from gauge N.W.

Nearest Parish Church at Hamsterley Distance ... Direction from gauge N.E.

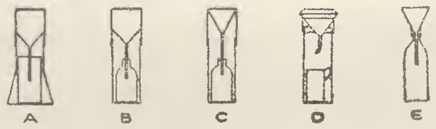
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

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Station No 3533 — file No. 680982/26 3533

FORM 1090.

## B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1933

At Knitsley Cottage Dryderdale

In the County of Durham

Rain Gauge
Diameter of Funnel ........ in.
*Height of Top above Ground* ........ *ft* ........ *in.*
*Height of Ground above Sea Level* ........ *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. |  | Number of Days with ·01 in. or more* | Number of Days with ·04 in. or more* |
|---|---|---|---|---|---|
|  | Inches | Inches | Date. |  |  |
| JAN. | 1·45 |  |  |  |  |
| FEB. | 4·48 |  |  |  |  |
| MAR. | 1·41 |  |  |  |  |
| APRIL | 1·15 |  |  |  |  |
| MAY | 3·0 |  |  |  |  |
| JUNE | 1·89 |  |  |  |  |
| JULY | 2·25 |  |  |  |  |
| AUG. | 1·53 |  |  |  |  |
| SEPT. | 2·68 |  |  |  |  |
| OCT. | 3·67 |  |  |  |  |
| NOV. | 2·65 |  |  |  |  |
| DEC. | 1·5 |  |  |  |  |
| Total | 27·21 |  |  |  |  |

*Signature* M. Cranston

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
(Mrs) M. Cranston, Knitsley Cottage.
Dryderdale. Witton-le-Wear, Co Durham

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station Wolsingham Distance Three Direction from gauge Miles

Nearest Parish Church at Hamsterley Distance Three Direction from gauge Miles

|  |  |  |  |  |
|---|---|---|---|---|
| Nature of objects nearest to gauge |  |  |  |  |
| Heights of objects |  |  |  |  |
| Distances .. |  |  |  |  |
| Directions from gauge .. |  |  |  |  |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)
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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

Station No 3533 File No 680982/26 3533

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1934

At Knitsley Cottage, Dryderdale

In the County of Durham

Rain Gauge

Diameter of Funnel.................in.

*Height of Top above Ground.........ft.........in.*

*Height of Ground above Sea Level* 700 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with ·01 in or more* | Number of Days with ·04 in. or more* |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | | |
| JAN. | 2·05 | | | | |
| FEB. | ·32 | | | | |
| MAR. | 3.54 | | | | |
| APRIL | 4·28 | | | | |
| MAY | 2·33 | | | | |
| JUNE | 1·70 | | | | |
| JULY | 2·24 | | | | |
| AUG. | 3.10 | | | | |
| SEPT. | 2-40 | | | | |
| OCT. | 4·45 | | | | |
| NOV. | 4·25 | | | | |
| DEC. | 5·89 | | | | |
| Total | 36·55 | | | | |

*Signature* M. Cranston

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—

(Mrs) M. Cranston. Knitsley Cottage, Dryderdale
Witton-Le-Wear. Co Durham.

Hour of observation by the clock—in Winter 9 - a.m. in Summer 10 - a.m

Nearest Railway Station Wolsingham Distance 3 Miles Direction from gauge North

Nearest Parish Church at Hamsterley Distance 4 Miles Direction from gauge S. East

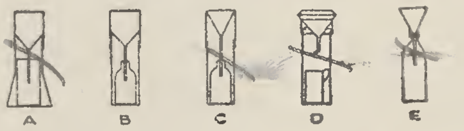
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | Trees | | | |
| Heights of objects | 60 ft | | | |
| Distances .. | 50 ft | | | |
| Directions from gauge .. | South | | | |

**If gauge has been moved during the year state—**

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

corrected for Audit

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3533/1

WOLSINGHAM SHULL

1936 – 40

780701

Section **A** for the entr

AIR MINI

Station No. 3533/1

ALL ORGANIZATION

FORM 1090

REC

36

Kept at WOLSINGHAM, (Shull) ~~Hamst~~

in the County of ..... Durh

Diameter of Funnel of Gauge

Height of top of Gauge abov

,, Ground ,,

write 4/37

DA

for ... of Days. 11/j

write 5/37

**THE MORNING MEA** ... **OUS DAY**

*An observer who does not co* ... *the following year in the space on the righ*

Jan. 1, following

| Date | Jan. | Feb. | Ma | | | | | | | | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | | | | in. | in. | † | |
| 1 | '25 | '18 | 1·00 | - | - | Tr | '04 | '29 | '31 | - | Tr | - | | 1 |
| 2 | - | - | '36 | - | - | '38 | '09 | '01 | Tr | Tr | - | '11 | | 2 |
| 3 | Tr | '02 | - | Tr | - | 1·35 | - | '01 | '32 | '01 | Tr | '02 | | 3 |
| 4 | '25 | - | '05 | - | Tr | '03 | - | '25 | '12 | '02 | '17 | '36 | | 4 |
| 5 | '15 | - | Tr | - | '02 | '02 | - | '13 | Tr | - | x | '10 | | 5 |
| 6 | x | - | Tr | - | Tr | - | '08 | '53 | '37 | - | '49x | - | | 6 |
| 7 | '17x | - | '03 | - | '02 | - | '34 | - | '05 | '03 | '20 | - | | 7 |
| 8 | '19 | - | '19 | - | - | - | - | - | '01 | '13 | '12 | - | | 8 |
| 9 | 1·25 | - | '39 | - | - | - | '03 | '01 | '03 | - | - | - | | 9 |
| 10 | '39 | - | Tr | Tr | - | - | - | - | - | - | '18 | - | | 10 |
| 11 | - | - | - | x | - | - | '33 | '16 | '04 | '01 | '51 | - | | 11 |
| 12 | '04 | - | - | '54x | - | - | '05 | '10 | '49 | - | '57 | '14 | | 12 |
| 13 | - | - | - | '20 | - | - | '05 | Tr | '03 | '03 | '02 | '94 | | 13 |
| 14 | - | - | - | '16 | - | '15 | '06 | '02 | '31 | - | '03 | '49 | | 14 |
| 15 | Tr | - | - | '16 | '13 | '17 | '02 | '05 | '08 | - | '23 | '08 | | 15 |
| 16 | '06 | - | - | '01 | - | - | '02 | - | Tr | - | '38 | '07 | | 16 |
| 17 | - | '57 | - | '09 | '07 | - | '32 | - | - | '23 | '32 | '24 | | 17 |
| 18 | '01 | '12 | - | '16 | - | - | Tr | '20 | - | '07 | '02 | Tr | | 18 |
| 19 | - | '17 | - | '01 | - | - | '12 | '04 | - | '04 | - | '04 | | 19 |
| 20 | - | '10 | - | - | - | - | '09 | - | - | - | - | Tr | | 20 |
| 21 | '48 | Tr | '05 | - | - | - | - | - | - | - | - | '07 | | 21 |
| 22 | - | '31 | Tr | Tr | - | '19 | '02 | - | - | - | - | - | | 22 |
| 23 | - | '10 | Tr | '12 | - | - | '56 | - | - | - | - | - | | 23 |
| 24 | '26 | '18 | '04 | '04 | 1·01 | - | '03 | - | '38 | '25 | - | - | | 24 |
| 25 | x | - | '03 | - | - | - | - | - | | '23 | - | - | | 25 |
| 26 | '35x | '14 | '83 | - | - | - | '04 | - | '80x | '46 | '02 | - | | 26 |
| 27 | '28 | Tr | '09 | Tr | - | - | - | - | '22 | '23 | - | - | | 27 |
| 28 | '16 | '68 | '18 | '05 | - | - | '59 | - | - | - | - | Tr | | 28 |
| 29 | '51 | '54 | '04 | - | - | '71 | | - | - | '04 | '01 | - | | 29 |
| 30 | Tr | ✗ | Tr | - | - | '09 | '26x | - | - | '35 | '05 | '08 | | 30 |
| 31 | - | ✗ | '04 | ✗ | '20 | ✗ | - | - | ✗ | '01 | ✗ | '39 | | 31 |
| TOTAL | 4·60 | 3·11 | 3·32 | 1·54 | 1·45 | 3·09 | 3·14 | 1·80 | 3·56 | 2·14 | 3·32 | 3·13 | Year's Total<br>34·20 | |
| * Days with .01 in. or more. | 18 | 12 | 14 | 12 | 6 | 9 | 21 | 13 | 16 | 16 | 17 | 14 | ~~168~~ | |
| * Days with .04 in. or more. | 17 | 11 | 12 | 10 | 4 | 7 | 15 | 9 | 13 | 10 | 12 | 13 | 133 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

Mrs WA (Signed) [M.] Mowbray ............ [P.T.O.

Section **A** for the entry of Daily Observations

Station No. 3533/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1936

Kept at WOLSINGHAM, (Shull) ~~Hamsterley, Bishop Auckland~~
in the County of Durham
Diameter of Funnel of Gauge five in.
Height of top of Gauge above Ground one ft. – in.
" Ground " Sea Level 650 (circa) ft. ?

Days allocated by surrounding stns. HJ.

Acc. DE

Corrected for acc of Days. HJ.

Written 4/37

Written 5/37

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |  | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † |  |
| 1 | ·25 | ·18 | 1·00 | – | – | tr | ·04 | ·29 | ·31 | – | tr | – |  | 1 |
| 2 | – | – | ·36 | – | – | ·38 | ·09 | ·01 | tr | tr | – | ·11 |  | 2 |
| 3 | tr | ·02 | – | tr | – | 1·35 | – | ·01 | ·32 | ·01 | tr | ·02 |  | 3 |
| 4 | ·25 | – | ·05 | – | tr | ·03 | – | ·25 | ·12 | ·02 | ·17 | ·36 |  | 4 |
| 5 | ·15 | – | tr | – | ·02 | ·02 | – | ·13 | tr | – | x | ·10 |  | 5 |
| 6 | x | – | tr | – | tr | – | ·08 | ·53 | ·37 | – | ·49 x | – |  | 6 |
| 7 | ·17 x | – | ·03 | – | ·02 | – | ·34 | – | ·05 | ·03 | ·20 | – |  | 7 |
| 8 | ·19 | – | ·19 | – | – | – | – | – | ·01 | ·13 | ·12 | – |  | 8 |
| 9 | 1·25 | – | ·39 | – | – | – | ·03 | ·01 | ·03 | – | – | – |  | 9 |
| 10 | ·39 | – | tr | tr | – | – | – | – | – | – | ·18 | – |  | 10 |
| 11 | – | – | – | x | – | – | ·33 | ·16 | ·04 | ·01 | ·51 | – |  | 11 |
| 12 | ·04 | – | – | ·54 x | – | – | ·05 | ·10 | ·49 | – | ·57 | ·14 |  | 12 |
| 13 | – | – | – | ·20 | – | – | ·05 | tr | ·03 | ·03 | ·02 | ·94 |  | 13 |
| 14 | – | – | – | ·16 | – | ·15 | ·06 | ·02 | ·31 | – | ·03 | ·49 |  | 14 |
| 15 | tr | – | – | ·16 | ·13 | ·17 | ·02 | ·05 | ·08 | – | ·23 | ·08 |  | 15 |
| 16 | ·06 | – | – | ·01 | – | – | ·02 | – | tr | – | ·38 | ·07 |  | 16 |
| 17 | – | ·57 | – | ·09 | ·07 | – | ·32 | – | – | ·23 | ·32 | ·24 |  | 17 |
| 18 | ·01 | ·12 | – | ·16 | – | – | tr | ·20 | – | ·07 | ·02 | tr |  | 18 |
| 19 | – | ·17 | – | ·01 | – | – | ·12 | ·04 | – | ·04 | – | ·04 |  | 19 |
| 20 | – | ·10 | – | – | – | – | ·09 | – | – | – | – | tr |  | 20 |
| 21 | ·48 | tr | ·05 | – | – | – | – | – | – | – | – | ·07 |  | 21 |
| 22 | – | ·31 | tr | tr | – | ·19 | ·02 | – | – | – | – | – |  | 22 |
| 23 | – | ·10 | tr | ·12 | – | – | ·56 | – | – | – | – | – |  | 23 |
| 24 | ·26 | ·18 | ·04 | ·04 | 1·01 | – | ·03 | – | ·38 | ·25 | – | – |  | 24 |
| 25 | x | – | ·03 | – | – | – | – | – |  | ·23 | – | – |  | 25 |
| 26 | ·35 x | ·14 | ·83 | – |  | – | ·04 | – | ·80 x | ·46 | ·02 | – |  | 26 |
| 27 | ·08 | tr | ·09 | tr | – | – | – | – | ·22 | ·23 | – | – |  | 27 |
| 28 | ·16 | ·68 | ·18 | ·05 | – | – | ·59 | – | – | – | – | tr |  | 28 |
| 29 | ·51 | ·54 | ·04 | – | – | ·71 |  | – | – | ·04 | ·01 | – |  | 29 |
| 30 | tr | ✕ | tr | – | – | ·09 | ·26 x | – | – | ·35 | ·05 | ·08 |  | 30 |
| 31 | – | ✕ | ·04 | ✕ | ·20 | ✕ | – | – | ✕ | ·01 | ✕ | ·39 |  | 31 |
| TOTAL | 4·60 | 3·11 | 3·32 | 1·54 | 1·45 | 3·09 | 3·14 | 1·80 | 3·56 | 2·14 | 3·32 | 3·13 | Year's Total<br>34·20 |  |
| * Days with .01 in. or more. | 18 | 12 | 14 | 12 | 6 | 9 | 21 | 13 | 16 | 16 | 17 | 14 | ~~168~~ |  |
| * Days with .04 in. or more. | 17 | 11 | 12 | 10 | 4 | 7 | 15 | 9 | 13 | 10 | 12 | 13 | 133 |  |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

Mrs W.A. (Signed) [M.] Mawnsey [P.T.O.

COPY FOR OFFICIAL USE

**Section A** for the entry of Daily Observations

Station No. 3533/1.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1937

Acc. D9/30

*Kept at* SHULL, Hamsterley, Bishop Auckland

*in the County of* Durham

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. – in.

,, Ground ,, Sea Level 600 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·04 | ·01 | ·43 | – | – | ·01 | – | – | ·17 | ·01 | tr | ·25 | | 1 |
| 2 | ·04 | ·21 | ·08 | ·75 | – | ·02 | – | – | tr | – | – | ·25 | | 2 |
| 3 | tr | ·12 | ·04 | ·06 | ·04 | ·13 | ·27 | tr | ·03 | – | – | ·27 | | 3 |
| 4 | ·18 | ·05 | ·10 | ·16 | ·05 | – | ·02 | ·45 | – | – | – | ·07 | | 4 |
| 5 | ·15 | ·01 | ·06 | ·07 | ·05 | – | ·05 | – | ·18 | – | – | ·14 | | 5 |
| 6 | ·03 | – | ·21 | ·22 | ·10 | – | – | – | ·04 | – | ·13 | ·07 | | 6 |
| 7 | tr | ·33 | ·04 | ·16 | ·15 | ·05 | ·30 | – | ·04 | – | ·07 | ·55 | | 7 |
| 8 | ·02 | ·28 | ·21 | ·01 | – | ·02 | ·16 | ·03 | – | – | ·10 | ·01 | | 8 |
| 9 | – | ·02 | ·11 | ·08 | ·03 | – | ·21 | ·12 | – | – | – | ·03 | | 9 |
| 10 | tr | ·08 | | tr | ·30 | – | ·01 | – | tr | – | ·25 | – | | 10 |
| 11 | – | – | ~~·23~~ | ·07 | ·05 | – | – | – | tr | – | – | – | | 11 |
| 12 | ·35 | ·02 | ·23 | ·10 | tr | ·16 | – | ·06 | ·19 | – | – | – | | 12 |
| 13 | – | ·34 | | ·07 | ·02 | ·05 | – | ·19 | ·08 | – | – | – | | 13 |
| 14 | – | ·01 | 1·26 | tr | – | tr | tr | ·46 | tr | – | – | ·09 | | 14 |
| 15 | ·15 | ·63 | ·01 | ·22 | – | ·01 | ·24 | – | ·08 | – | – | | | 15 |
| 16 | ·07 | ·10 | ·34 | ·36 | – | ·06 | – | ·08 | tr | – | tr | 1·66 | | 16 |
| 17 | ·25 | – | ·20 | ·02 | ·08 | ·07 | – | ·01 | 1·07 | – | – | ·45 | | 17 |
| 18 | ·01 | ·02 | ·06 | ·04 | ·01 | ·09 | – | ·08 | tr | – | ·17 | – | | 18 |
| 19 | tr | ·06 | ·02 | ·01 | – | ·08 | tr | ·01 | ·16 | – | ·76 | – | | 19 |
| 20 | ·42 | – | ·09 | ·17 | ·81 | ·02 | – | – | tr | – | – | – | | 20 |
| 21 | ·05 | ·03 | ·01 | ·05 | ·04 | – | ·33 | – | – | – | – | tr | | 21 |
| 22 | ·06 | – | ·22 | tr | ·05 | – | – | – | – | ·03 | ·05 | – | | 22 |
| 23 | ·26 | ·02 | ·08 | ·05 | ·14 | – | ·22 | – | – | ·72 | ·11 | ·05 | | 23 |
| 24 | ·18 | ·05 | ·01 | – | ·11 | – | ·09 | – | ·08 | ·15 | – | ·01 | | 24 |
| 25 | ·11 | ·38 | tr | – | ·04 | – | – | ·13 | – | ·30 | – | – | | 25 |
| 26 | ·01 | ·45 | ·02 | – | ·72 | – | – | – | – | – | ·02 | – | | 26 |
| 27 | ·12 | | ·18 | ·13 | – | – | ·01 | – | tr | ·34 | – | ·03 | | 27 |
| 28 | | ·55 | ·02 | – | – | ·02 | – | – | – | ·14 | – | – | | 28 |
| 29 | | X | – | – | – | – | – | – | – | ·12 | – | ·06 | | 29 |
| 30 | ·32 | | – | – | – | ·05 | – | ·22 | ·01 | ·03 | ·03 | ·03 | | 30 |
| 31 | ·88 | | – | | – | | – | ·06 | | ·16 | | tr | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·70 | 3·77 | 4·03 | 2·80 | 2·79 | ·84 | 1·91 | 1·90 | 2·13 | 2·00 | 1·69 | 4·02 | 31·58 | ✓ ✓ |
| * Days with .01 in. or more. | 23 | 23 | 27 | 20 | 18 | 15 | 12 | 13 | 12 | 10 | 10 | 18 | 201 | ✓ ✓ |
| * Days with .04 in. or more. | 18 | 15 | 20 | 17 | 15 | 9 | 9 | 10 | 10 | 7 | 8 | 13 | 151 | ✓ ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Mabel Mounsey [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. None given yet.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

3533/1

FORM 1090

# REGISTER OF RAINFALL IN 1938

Kept at Shull, Hamsterley, Bishop Auckland
in the County of Durham
Diameter of Funnel of Gauge five in.
Height of top of Gauge above Ground one ft. – in.
" Ground " Sea Level 600 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·01 | ·11 | – | – | – | 1·19 | ·99 | ·01 | ·01 | – | ·21 | ·25 | | 1 |
| 2 | ·04 | Tr | – | ·04 | – | ·07 | – | – | – | ·63 | ·19 | ·07 | | 2 |
| 3 | ·03 | ·01 | – | – | – | Tr | ·04 | – | ·12 | 1·20 | ·08 | – | | 3 |
| 4 | ·10 | – | – | – | – | ·01 | ·01 | – | – | ·25 | – | ·32 | | 4 |
| 5 | Tr | – | ·08 | – | – | – | – | ·40 | ·04 | ·15 | – | ·02 | | 5 |
| 6 | ·08 | – | – | – | – | ·21 | ·02 | – | – | ·09 | – | ·04 | | 6 |
| 7 | ·01 | – | – | – | – | – | ·75 | ·01 | ·21 | ·30 | – | ·02 | | 7 |
| 8 | ·22 | – | – | – | – | | ·29 | ·21 | – | ·71 | – | ·22 | | 8 |
| 9 | ·03 | ·27 | – | – | ·18 | ·06 | ·05 | Tr | – | ·03 | ·11 | ·46 | | 9 |
| 10 | – | – | – | – | – | ·10 | – | – | – | ·13 | Tr | ·06 | | 10 |
| 11 | ·10 | – | – | – | ·01 | ·01 | ·06 | – | – | ·07 | ·10 | ·10 | | 11 |
| 12 | ·25 | ·02 | – | – | ·08 | Tr | – | ·44 | – | ·22 | ·24 | – | | 12 |
| 13 | ·08 | ·23 | – | – | ·01 | – | – | – | ·19 | ·09 | ·31 | ·21 | | 13 |
| 14 | ·39 | ·04 | – | – | ·10 | – | – | – | – | – | – | ·07 | | 14 |
| 15 | ·56 | ·06 | ·05 | – | ·01 | – | ·10 | ·16 | Tr | – | – | – | | 15 |
| 16 | ·19 | – | – | – | ·40 | – | ·27 | ·26 | ·10 | ·01 | – | ·09 | | 16 |
| 17 | – | – | – | – | ·33 | – | ·01 | Tr | ·06 | ·42 | – | – | | 17 |
| 18 | ·07 | ·03 | ·05 | – | ·03 | ·23 | – | ·02 | ·05 | ·16 | ·33 | – | | 18 |
| 19 | – | ·01 | ·25 | – | – | – | – | ·14 | ·11 | – | ·02 | ·32 | | 19 |
| 20 | ·02 | – | ·11 | – | – | – | – | ·12 | ·09 | Tr | ·02 | ·48 | | 20 |
| 21 | – | – | ·04 | – | ·02 | – | – | Tr | – | – | ·05 | ·15 | | 21 |
| 22 | – | ·02 | – | – | – | ·05 | – | – | – | – | ·20 | ·26 | | 22 |
| 23 | ·05 | – | Tr | – | ·28 | ·12 | – | ·01 | ·02 | – | ·44 | ·21 | | 23 |
| 24 | ·16 | Tr | ·04 | ·04 | – | – | ·02 | ·46 | ·13 | [illegible] – | ·05 | ·06 | | 24 |
| 25 | ·09 | – | ·08 | – | ·04 | – | ·32 | – | – | ·75 | ·15 | ·12 | | 25 |
| 26 | – | ·49 | ·03 | – | ·01 | ·02 | – | – | ·04 | ·07 | – | – | | 26 |
| 27 | ·04 | ·02 | – | ·01 | ·35 | ·31 | ·20 | ·16 | Tr | ·03 | ·20 | – | | 27 |
| 28 | ·31 | ·03 | ·01 | – | ·86 | ·50 | ·04 | Tr | ·01 | – | ·02 | ·07 | | 28 |
| 29 | ·09 | – | – | ·02 | ·35 | ·12 | ·02 | ·07 | – | – | ·11 | ·01 | | 29 |
| 30 | ·06 | × | – | – | ·10 | ·01 | ·03 | ·26 | ·35 | ·08 | ·29 | Tr | | 30 |
| 31 | ·54 | × | Tr | × | ·20 | × | – | – | × | Tr | × | ·62 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·52 | 1·34 | ·74 | ·11 | 3·36 | 3·01 | 3·22 | 2·73 | 1·53 | 5·39 | 3·12 | 4·23 | 32·30 | ✓ |
| * Days with .01 in. or more. | 24 | 13 | 10 | 4 | 18 | 15 | 17 | 15 | 15 | 19 | 19 | 23 | 192 | ✓ |
| * Days with .04 in. or more. | 19 | 6 | 8 | 2 | 12 | 11 | 10 | 11 | 12 | 16 | 16 | 20 | 143 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Mabel Mounsey

[P.T.O.

## COPY FOR OFFICIAL USE

3533/.1

**Section** **A** for the entry of Daily Observations

Station No. ~~None given~~ yet

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Shull, Hamsterley, Bishop Auckland

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground one ft. - in.

,, Ground ,, Sea Level 600 ft.

All Days

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·58 | - | ·15 | - | - | - | ·01 | ·02 | ·24 | ·17 | ·02 | ·04 | | 1 |
| 2 | ·15 | - | ·02 | ·14 | - | - | ·02 | ·64 | ·86 | ·08 | ·06 | ·04 | | 2 |
| 3 | - | - | ·03 | ·13 | - | - | ·01 | ·49 | - | - | ·12 | ·22 | | 3 |
| 4 | - | - | ·25 | ·03 | - | - | ·16 | - | ·40 | ·10 | ·18 | ·17 | | 4 |
| 5 | ·12 | - | ·11 | - | ·08 | - | ·50 | ·11 | - | ·34 | ·41 | ·11 | | 5 |
| 6 | ·20 | - | ·01 | - | - | - | ·48 | | - | ·03 | ·04 | - | | 6 |
| 7 | ·06 | ·05 | ·35 | - | ·03 | - | Tr | Tr | Tr | ·03 | ·10 | ·03 | | 7 |
| 8 | ·46 | ·16 | ·19 | Tr | - | - | ·17 | ·10 | - | - | ·18 | ·33 | | 8 |
| 9 | ·39 | ·06 | - | - | - | - | ·07 | ·21 | ·01 | ✓ | ·02 | ·20 | | 9 |
| 10 | - | Tr | - | - | - | ·16 | - | ·07 | ·09 | ✓ | | - | | 10 |
| 11 | ·33 | ·10 | ·27 | - | - | ·30 | - | ·06 | ·03 | 1·30 | ·03 | ·02 | | 11 |
| 12 | - | - | - | | - | - | ·02 | Tr | ·02 | 1·83 | ·02 | ·02 | | 12 |
| 13 | - | - | - | ·07 | ·14 | ·06 | ·02 | - | - | ·81 | ·02 | - | | 13 |
| 14 | ·85 | - | ·04 | - | ·17 | ·45 | ·80 | - | - | ·24 | ·31 | - | | 14 |
| 15 | ·40 | - | - | - | ·07 | ·25 | ·08 | - | ·01 | ·03 | ·11 | ·03 | | 15 |
| 16 | ·21 | ·02 | ·33 | - | ·55 | - | ·01 | - | ·01 | - | ·05 | - | | 16 |
| 17 | ·23 | ·05 | - | ·13 | ·04 | ·04 | ·47 | - | - | Tr | - | - | | 17 |
| 18 | ·41 | ·03 | ·08 | - | - | ·01 | ·21 | - | - | ·11 | ·65 | - | | 18 |
| 19 | ·11 | - | - | - | ·01 | ·25 | ·03 | - | - | ·01 | - | ·05 | | 19 |
| 20 | ·01 | - | - | - | - | ·08 | - | 3·06 | ·03 | - | - | ·03 | | 20 |
| 21 | ·18 | ·13 | ·04 | ·04 | - | | ·02 | ·26 | ·06 | - | - | - | | 21 |
| 22 | ·19 | ·23 | - | ·11 | - | - | ·02 | - | Tr | - | ·03 | - | | 22 |
| 23 | - | ·17 | - | ·14 | - | ·05 | ·01 | - | ·01 | - | - | - | | 23 |
| 24 | - | ·05 | ·12 | ·14 | - | - | - | ·05 | - | - | - | - | | 24 |
| 25 | ·35 | ·01 | ·10 | ·03 | - | ·15 | - | ·11 | - | Tr | ·35 | ·09 | | 25 |
| 26 | ·05 | ·05 | - | ·02 | - | ·10 | - | ·14 | - | ·59 | ·03 | - | | 26 |
| 27 | ·14 | ·23 | ·89 | - | - | ·15 | ·02 | ·01 | Tr | ·30 | ·08 | - | | 27 |
| 28 | ·06 | ·20 | ·60 | ·09 | - | ·19 | ·19 | ·01 | - | ·01 | ·20 | Tr | | 28 |
| 29 | - | - | - | - | - | ·02 | ·84 | - | - | ·80 | ·04 | Tr | | 29 |
| 30 | ·02 | ✕ | - | - | - | ·12 | ·13 | ·01 | - | ·17 | ·31 | - | | 30 |
| 31 | - | ✕ | - | ✕ | - | ✕ | ·38 | ·01 | ✕ | ·12 | ✕ | - | | 31 |
| TOTAL | 5·50 | 1·54 | 3·58 | 1·07 | 1·09 | 2·38 | 4·67 | 5·36 | 1·77 | 7·07 | 3·36 | 1·38 | Year's Total 38·77 | ✓ |
| * Days with .01 in. or more. | 22 | 15 | 17 | 12 | 8 | 16 | 24 | 17 | 12 | 21 | 23 | 14 | 201 | ✓ |
| * Days with .04 in. or more. | 20 | 12 | 14 | 9 | 6 | 14 | 13 | 12 | 5 | 16 | 16 | 9 | 146 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) M. Mounsley

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3533/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Shull, Hamsterley, Bishop Auckland

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 600 ft.

Ac/s 1st/ls

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | – | ·02 | – | ·03 | – | – | Tr | – | – | – | × ·36 | ·09 | | 1 |
| 2 | – | ·03 | – | ·19 | – | – | ·01 | – | – | – | × | ·05 | | 2 |
| 3 | ·07 | ·36 | – | ·08 | – | – | ·03 | – | – | ·01 | – | Tr | | 3 |
| 4 | – | ·25 | – | ·02 | – | – | ·10 | Tr | – | ·05 | ·07 | ·04 | | 4 |
| 5 | – | ·02 | – | – | ·14 | – | ·03 | ·06 | – | ·15 | ·10 | ·43 | | 5 |
| 6 | ·02 | ·05 | – | – | – | – | ·04 | – | – | ·64 | ·12 | ·51 | | 6 |
| 7 | ·04 | ·47 | – | ·04 | ·06 | – | – | ·01 | ·08 | ·01 | – | ·02 | | 7 |
| 8 | ·01 | ·02 | – | ·02 | – | – | Tr | ·01 | – | ·20 | – | ·06 | | 8 |
| 9 | – | – | – | Tr | – | – | ·36 | ·01 | ·03 | ·53 | ·56 | ·01 | | 9 |
| 10 | – | – | ·06 | – | – | – | ·85 | ·05 | ·02 | Tr | ·15 | Tr | | 10 |
| 11 | – | ·03 | ·19 | – | – | – | 1·25 | – | ·05 | – | ·63 | – | | 11 |
| 12 | – | ·09 | 1·04 | – | – | – | ·02 | – | ·12 | Tr | Tr | – | | 12 |
| 13 | – | ·08 | ·08 | Tr | – | – | ·08 | – | – | ·01 | ·05 | – | | 13 |
| 14 | – | ·20 | ·09 | ·21 | ·01 | – | ·24 | ·01 | Tr | ·04 | Tr | ·30 | | 14 |
| 15 | – | – | ·01 | ·01 | ·18 | ·05 | – | – | – | – | ·16 | ·15 | | 15 |
| 16 | ·16 | – | – | – | – | – | ·15 | – | ·62 | ·40 | ·05 | ·03 | | 16 |
| 17 | – | – | ·15 | – | – | – | ·93 | – | ·15 | ·09 | 1·00 | – | | 17 |
| 18 | – | ·10 | ·25 | ·33 | – | – | ·03 | ·12 | ·33 | – | ·31 | ·09 | | 18 |
| 19 | ·03 | ·03 | ·04 | ·11 | – | – | ·19 | ·02 | ·11 | ·03 | ·32 | ·05 | | 19 |
| 20 | – | ·03 | ·14 | ·24 | – | – | ·14 | ·23 | ·12 | ·07 | ·16 | – | | 20 |
| 21 | ·19 | – | ·09 | ·05 | – | ·30 | ·02 | ·01 | – | ·14 | ·14 | – | | 21 |
| 22 | Tr | ·01 | ·06 | ·01 | ·16 | ·18 | Tr | Tr | ·06 | ·52 | – | – | | 22 |
| 23 | – | – | ·09 | ·21 | – | – | ·05 | ·03 | ·02 | ·20 | ·12 | ·02 | | 23 |
| 24 | ·26 | ·06 | – | ·10 | – | – | Tr | – | Tr | ·10 | ·01 | ·07 | | 24 |
| 25 | – | – | – | – | ·03 | – | ·40 | – | – | ·06 | – | ·02 | | 25 |
| 26 | ·43 | ·06 | ·02 | ·08 | ·14 | ·02 | ·68 | ·07 | – | – | Tr | – | | 26 |
| 27 | ·23 | ·11 | – | – | – | – | ·10 | – | – | ·04 | – | – | | 27 |
| 28 | Tr | ·42 | Tr | ·02 | ·20 | – | – | – | Tr | ·02 | – | – | | 28 |
| 29 | ·10 | ·01 | ·34 | ·02 | ·03 | ·01 | ·01 | – | – | ·01 | – | ·20 | | 29 |
| 30 | ·03 | ✕ | ·05 | – | ·02 | – | – | – | – | ·55 | – | ·69 | | 30 |
| 31 | ·26 | ✕ | ·22 | ✕ | ·01 | ✕ | – | – | ✕ | ·20 | ✕ | ·28 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 1·83 | 2·45 | 2·92 | 1·77 | ·98 | ·56 | 5·71 | ·63 | 1·71 | 4·07 | 4·31 | 3·11 | 30·05 | |
| * Days with .01 in. or more. | 13 | 21 | 17 | 18 | 11 | 5 | 22 | 12 | 12 | 23 | 18 | 19 | 191 | |
| * Days with .04 in. or more. | 9 | 12 | 15 | 11 | 6 | 3 | 15 | 5 | 9 | 17 | 17 | 14 | 183 | |

† Spare column, no entries required.

(*Signed*) Mabel Mounsey

[P.T.O.

* See Instruction 3 (f) on other side.

3533/5

SPENNYMOOR. ST. CHARLES SCH.
1936—40

2P0701

ot yet ~~allotted~~
ation No. 3533/5
ORGANIZATION.

976/36
~~write~~ 4/37

Section **A** for the entry o
AIR MINIST

FORM 1090.

## REGIS

*Kept at* Tudhoe St. Charl
Spenn
*in the County of* ......
Diameter of Funnel of Gauge.....
Height of top of Gauge above Gr
,, Ground ,, Se

THE MORNING MEASU

*An observer who does not conform* ... *ollowing*
*year in the space on the right of t*

Pl

Jan. 1, following

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | in. | 31/1/36 in. | 28/2/36 29 in. | in. | in. | in. | in. | in. | in. | in. | 30/10/36 31 in. | in. | † | |
| 1 | -- | | 1·20 (·50) | -- | -- | | | | ~~1·16~~ | Tr | ~~·20~~ (·10) | Tr | | 1 |
| 2 | -- | ·20 | ~~·30~~ (·08) | | -- | 1·10 | ·20 | | -- | -- | Tr | ·04 | | 2 |
| 3 | -- | -- | -- | | -- | 1·00 | -- | | | -- | Tr | -- | | 3 |
| 4 | -- | -- | ·02 | | ·01 | -- | -- | | | Tr | ·02 | | | 4 |
| 5 | -- | -- | -- | | ·01 | -- | -- | | -- | ·02 | ·06 | - | | 5 |
| 6 | ·27 | ·04 | - | | ·03 | -- | -- | | | Tr | | ·11 | | 6 |
| 7 | ·25 | -- | - | | -- | -- | ·30 | | -- | Tr | | Tr | | 7 |
| 8 | -- | -- | 1·00 | (1·15) | -- | -- | ·12 | | -- | ·08 | ·07 | -- | | 8 |
| 9 | ·97 | -- | ·17 | | -- | -- | ~~·27~~ | | 1·43 | | ·08 | -- | | 9 |
| 10 | -- | -- | -- | | -- | -- | -- | | -- | | Tr | -- | | 10 |
| 11 | -- | -- | -- | | -- | -- | -- | | -- | | ·48 | - | | 11 |
| 12 | -- | -- | -- | | ·07 | | ·27 | | -- | | ·48 | | | 12 |
| 13 | -- | -- | -- | | -- | | | | -- | | - | ·65 | | 13 |
| 14 | ·08 | -- | -- | 1 ~~·15~~ | -- | ·50 | -- | | ~~·33~~ | | - | ·49 | | 14 |
| 15 | -- | -- | -- | -- | -- | -- | -- | | | - | ·23 | ·03 | | 15 |
| 16 | -- | -- | -- | 07 | -- | -- | -- | | ·62 | | ·28 | ·05 | | 16 |
| 17 | -- | ·65 | -- | -- | -- | -- | | | ~~·60~~ | | ·53 | ·02 | | 17 |
| 18 | -- | ·15 | -- | -- | 11 | -- | | | -- | ·44 | Tr | -- | | 18 |
| 19 | -- | -- | -- | -- | -- | -- | ~~·28~~ | | -- | ·04 | Tr | -- | | 19 |
| 20 | 1·000 | -- | -- | -- | -- | -- | -- | | -- | Tr | -- | Tr | | 20 |
| 21 | ·02 | | -- | -- | -- | -- | ·75 | | ·01 | Tr | -- | ·02 | | 21 |
| 22 | -- | | -- | (·17) | -- | ·31 | -- | | -- | Tr | -- | -- | | 22 |
| 23 | -- | ·39 | -- | -- | (·57) | -- | ·11 | | -- | | -- | -- | | 23 |
| 24 | | ·14 | ·05 | -- | -- | -- | -- | | ·30 | | Tr | -- | | 24 |
| 25 | | -- | ·05 | -- | -- | -- | -- | | | ·12 | ~~Tr~~ | -- | | 25 |
| 26 | ·45 | -- | ·45 | -- | -- | -- | ·32 | | | ·23 | -- | -- | | 26 |
| 27 | -- | ·10 | -- | -- | -- | -- | -- | | ·62 | ·16 | | -- | | 27 |
| 28 | -- | (·85) | -- | -- | -- | -- | ·20 | | Tr | Tr | | -- | | 28 |
| 29 | 1·000 | (1·08) ~~·50~~ | -- | -- | | ·70 | ·20 | | Tr | ·04 | ·04 | -- | | 29 |
| 30 | -- | | ·11 | -- | | -- | -- | (1·16) + | -- | | -- | Tr | | 30 |
| 31 | 1/2/36 | | -- | | ·97 | | -- | (·84) | | 1/11/36 (·10) | | ·08 | | 31 |
| TOTAL | 404 | (3·52) | (2·43) | (1·39) | (1·77) | 361 | 363 | (2·00) | (2·36) | (1·23) | (2·37) | 149 | Year's Total (28·84) ~~27·83~~ | ~~27·83~~ |
| * Days with .01 in. or more. | ~~14~~ | ~~12~~ | ~~9~~ | ~~12~~ | ~~11~~ | ~~10~~ | ~~17~~ | ~~11~~ | ~~14~~ | ~~14~~ | ~~12~~ | ~~10~~ | | |
| * Days with .04 in. or more. | 11 | 10 | 8 | 6 | 8 | 10 | 16 | 9 | 12 | 11 | 10 | 6 | | |

Not completed because of brackets above. These to be eliminated

~ 1937.

40-9999.

* See Instruction 2 (f) on other side.

Brackets cover school holidays.

N X

† Spare column, no entries required.

~~(Signed)~~ Chas. K. Hanratty. ~~[P.T.O.]~~

~~not yet allotted~~ Station No. 3533/5

**Section A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

Kept at Tudhoe St. Charles' School

Spennymoor

in the County of Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 344 ft.

Feb & March adjusted & insertions made in April, May & August after reference to surrounding stations RJ

566976/36

4/37

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | in. | in.<br>31/1/36 | 28/2/36<br>29/2/36<br>in. | in. | in. | in. | in. | in. | in. | in. | 30/10/36<br>31/10/36<br>in. | in. |  |  |
| 1 | -- |  | ·20 (·50) | -- | -- | -- | -- |  | ~~1·16~~ | Tr | ~~·20~~ (·10) | Tr |  | 1 |
| 2 | -- | ·20 | ~~·30~~ (·08) |  | -- | 1·10 | ·20 |  | -- | -- | Tr | ·04 |  | 2 |
| 3 | -- | -- | -- |  | -- | 1·00 | -- |  |  | -- | Tr | -- |  | 3 |
| 4 | -- | -- | ·02 |  | ·01 | -- | -- |  |  | Tr | ·02 |  |  | 4 |
| 5 | -- | -- | -- |  | ·01 | -- | -- |  |  | ·02 | ·06 | - |  | 5 |
| 6 | ·27 | ·04 | - |  | ·03 | -- | -- |  |  | Tr |  | ·11 |  | 6 |
| 7 | ·25 | -- | - |  | -- | -- | ·30 |  | -- | Tr |  | Tr |  | 7 |
| 8 | -- | -- | 1·00 | (1·15) | -- | -- | -- |  | -- | ·08 | ·07 | -- |  | 8 |
| 9 | ·97 | -- | ·17 |  | -- | -- | ~~·07~~ |  | 1·43 |  | ·08 | -- |  | 9 |
| 10 | -- | -- | -- |  | -- | -- | -- |  | -- |  | Tr | -- |  | 10 |
| 11 | -- | -- | -- |  | -- | -- | -- |  | -- |  | ·48 | - |  | 11 |
| 12 | -- | -- | -- |  | ·07 |  | ·27 |  | -- |  | ·48 |  |  | 12 |
| 13 | -- | -- | -- |  | -- |  |  |  | -- |  | - | ·65 |  | 13 |
| 14 | ·08 | -- | -- | 1~~·15~~ | -- | ·50 | -- |  | ~~·35~~ |  | - | ·49 |  | 14 |
| 15 | -- | -- | -- | -- | -- |  | -- |  |  | - | ·23 | ·03 |  | 15 |
| 16 | -- | -- | -- | ·07 | -- | -- | -- |  | ~~·12~~ |  | ·28 | ·05 |  | 16 |
| 17 | -- | ·65 | -- | -- | -- | -- |  |  | ~~·60~~ |  | ·53 | ·02 |  | 17 |
| 18 | -- | ·15 | -- | -- | ·11 | -- |  |  |  | ·44 | Tr | -- |  | 18 |
| 19 | -- | -- | -- | -- | -- | -- | ·28 |  | -- | ·04 | Tr | -- |  | 19 |
| 20 | 1·00 | -- | -- | -- | -- | -- | -- |  | -- | Tr | -- | Tr |  | 20 |
| 21 | ·02 |  | -- | -- | -- | -- | ·75 |  | ·01 | Tr | -- | ·02 |  | 21 |
| 22 | -- |  | -- | (·17) | -- | ·31 | -- |  | -- | Tr | -- | -- |  | 22 |
| 23 | -- | ·39 | -- | -- | (·57) | -- | ·11 |  | -- |  | -- | -- |  | 23 |
| 24 |  | ·14 | ·05 | -- | -- | -- | -- |  | ·30 |  | Tr | -- |  | 24 |
| 25 |  | -- | ·05 | -- | -- | -- | -- |  |  | ·12 | Tr | -- |  | 25 |
| 26 | ·45 | -- | ·45 | -- | -- | -- | ·32 |  |  | ·23 | -- | -- |  | 26 |
| 27 | -- | ·10 | -- | -- | -- | -- | -- |  | ·62 | ·16 |  | -- |  | 27 |
| 28 | -- | (·85) | -- | -- | -- | -- | ·20 |  | Tr | Tr |  | -- |  | 28 |
| 29 | 1·00 | (1·00) ~~1·50~~ | -- | -- |  | ·70 | ·20 |  | Tr | ·04 | ·04 | -- |  | 29 |
| 30 | -- |  | ·11 | -- |  | -- | -- | (1·16) + (·84) | -- | (·10) | -- | Tr |  | 30 |
| 31 | 1/2/36 |  | -- |  | ·97 |  | -- |  |  | 1/10/36 |  | ·08 |  | 31 |
| TOTAL | 4·04 | (3·52) | (2·43) | (1·39) | (1·77) | 3·61 | 3·63 | (2·00) | (2·36) | (1·23) | (2·37) | 1·49 | Year's Total (28·84) ~~37·83~~ | ~~27·83~~ |
| * Days with .01 in. or more. | 14 | 12 | 9 | 12 | 11 | 10 | 17 | 11 | 14 | 14 | 12 | 10 |  | Not completed because of brackets above. Mar to be eliminated |
| * Days with .04 in. or more. | 11 | 10 | 8 | 6 | 8 | 10 | 16 | 7 | 12 | 11 | 10 | 6 |  | ~ 1937. |

40-9999.

* See Instruction 2 (f) on other side.

Brackets cover school holidays.

N X

† Spare column, no entries required.

~~(Signed)~~ Chas. K. Hanratty ~~[P.T.O.~~

~~Spennymoor (T. St. Charles Sch.)~~

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 5533/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Tudhoe St. Charles' R.C. School, Spennymoor.

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 344 ft.

Station actually a Bench Mark on the Ordnance Survey Map - 1923 Edtn.- Durham Sheet XXXV.NW. ( viz. 344.9.)

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1937 | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | -- | -- | -- | -- | -- | -- | -- | -- | ·05 | ·01 | Tr. | ·24 | | 1 |
| 2 | -- | ·10 | ·13 | | -- | ·07 | -- | -- | -- | -- | -- | ·35 | | 2 |
| 3 | -- | ·64 | Tr. | | -- | ·17 | 1·55 | -- | -- | -- | -- | | | 3 |
| 4 | -- | ·05 | ·10 | ·74 | ·03 | -- | ·02 | ·30 | -- | -- | -- | | | 4 |
| 5 | ·08 | - | | ·04 | ·08 | -- | ·06 | -- | ·01 | Tr. | -- | ·82 | | 5 |
| 6 | ·02 | - | | ·12 | ·11 | -- | -- | -- | Tr. | -- | ·05 | ·30 | | 6 |
| 7 | Tr. | ·40 | ·36 | ·07 | ·14 | ·08 | ·22 | -- | -- | Tr. | ·08 | ·44 | | 7 |
| 8 | -- | ·23 | ·22 | -- | -- | ·06 | ·14 | ·01 | -- | -- | ·03 | ·05 | | 8 |
| 9 | -- | Tr. | ·16 | | -- | -- | ·29 | ·06 | -- | -- | ·01 | ·78 | | 9 |
| 10 | -- | ·04 | ·12 | - | ·19 | ·07 | ·04 | -- | -- | -- | ·18 | ·13 | | 10 |
| 11 | -- | -- | -- | ·25 | -- | -- | -- | -- | -- | Tr. | -- | 1·19 | | 11 |
| 12 | ·11 | | | ·12 | ·09 | ·08 | -- | ·01 | ·12 | -- | -- | -- | | 12 |
| 13 | -- | | | -- | Tr. | ·06 | -- | -- | ·02 | -- | -- | ·06 | | 13 |
| 14 | -- | ·45 | 1·09 | Tr. | Tr. | ·14 | -- | ·70 | ·01 | -- | -- | ·55 | | 14 |
| 15 | -- | ·47 | -- | ·22 | -- | -- | ·05 | ·01 | ·15 | -- | -- | ·21 | | 15 |
| 16 | -- | Tr. | ·36 | | ·09 | ·11 | -- | ·05 | -- | -- | -- | ·50 | | 16 |
| 17 | ·54 | Tr. | ·19 | | -- | ·04 | -- | -- | ·63 | -- | -- | -- | | 17 |
| 18 | Tr. | ·03 | Tr. | ·47 | -- | ·20 | ·03 | -- | -- | Tr. | ·21 | -- | | 18 |
| 19 | -- | -- | -- | ·05 | -- | ·33 | -- | ·10 | -- | Tr. | ·57 | Tr. | | 19 |
| 20 | ·19 | -- | -- | ·12 | ·97 | -- | -- | ·01 | ·04 | Tr. | -- | -- | | 20 |
| 21 | Tr. | ·02 | ·14 | ·05 | -- | -- | ·26 | -- | -- | ·02 | -- | ·10 | | 21 |
| 22 | -- | Tr. | ·06 | -- | Tr. | -- | -- | -- | -- | ·29 | ·19 | ·01 | | 22 |
| 23 | -- | -- | ·02 | -- | ·03 | ·02 | ·19 | -- | -- | ·40 | ·33 | -- | | 23 |
| 24 | ·57 | ·02 | -- | -- | -- | -- | ·18 | -- | ·09 | ·11 | Tr. | -- | | 24 |
| 25 | ·13 | ·49 | Tr. | -- | -- | -- | -- | ·10 | Tr. | ·23 | Tr. | -- | | 25 |
| 26 | Tr. | | | -- | ·82 | -- | -- | -- | ·01 | -- | Tr. | -- | | 26 |
| 27 | ·07 | | | ·17 | -- | -- | ·09 | -- | -- | ·19 | -- | -- | | 27 |
| 28 | ·13 | 1·19 | ·17 | -- | -- | ·02 | -- | -- | -- | ·14 | -- | ·02 | | 28 |
| 29 | | - | -- | -- | -- | -- | -- | -- | -- | ·07 | ·02 | -- | print | 29 |
| 30 | | ✕ | -- | -- | -- | ·11 | -- | -- | -- | -- | ·03 | ·06 | | 30 |
| 31 | 1·57 | ✕ | -- | ✕ | -- | ✕ | -- | -- | ✕ | ·20 | ✕ | ·05 | | 31 d |
| TOTAL | 3·41 | 3·53 | 3·12 | 2·42 | 2·55 | 1·56 | 3·12 | 1·35 | 1·13 | 1·66 | 1·70 | 5·86 | Year's Total<br>31·41 | GB |
| * Days with .01 in. or more. | 12 ~~9~~ | 1~~8~~6 | ~~13~~ 20 | 1~~6~~6 | 10 | 15 | 13 | 10 | 10 | 10 | 11 | ~~18~~ 20 | 163 ~~144~~ | |
| * Days with .04 in. or more. | 11 ~~9~~ | 1~~0~~3 | 1~~2~~9 | 1~~2~~5 | 8 | 13 | 11 | 6 | 6 | 8 | 7 | 1~~6~~8 | 135 ~~118~~ | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Chas. K. Hanratty [P.T.O.

~~C.K. Hanratty Esq.~~

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3533/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938

Totals

*Kept at* Tudhoe St. Charles' School, Spennymoor, Co. Durham.

*in the County of* ..........

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. .......... in.

,, Ground ,, Sea Level 344 ft.

Station actually a Bench Mark (344.9) on the Ordnance Survey Map - 1923 Edtn. - Durham Sheet XXXV.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·10 | Tr. | – | – | ·01 | 1·37 | ·50 | Tr. | ·08 | – | ·08 | ·09 | | 1 |
| 2 | ·06 | – | – | – | – | ·30 | ·71 | – | – | ·26 | ·12 | ·08 | | 2 |
| 3 | – | – | Tr. | Tr. | – | Tr. | ·03 | – | ·08 | ·60 | ·05 | – | | 3 |
| 4 | ·21 | – | – | – | – | – | ·02 | – | Tr. | ·10 | – | ·30 | | 4 |
| 5 | – | ·02 | ·08 | Tr. | – | – | Tr. | ·34 | ·02 | ·01 | – | ·01 | | 5 |
| 6 | ·04 | – | – | – | – | ·13 | ·16 | Tr. | ·02 | ·07 | Tr. | ·02 | | 6 |
| 7 | – | Tr. | – | – | – | – | ·31 | ·19 | ·31 | ·17 | – | Tr. | | 7 |
| 8 | ·29 | – | – | – | – | – | ·19 | Tr. | Tr. | ·52 | ·18 | ·11 | | 8 |
| 9 | 0 | ·13 | – | – | ·12 | ·07 | Tr. | – | Tr. | ·02 | – | ·38 | | 9 |
| 10 | – | – | – | – | – | ·10 | – | – | ·03 | – | Tr | ·12 | | 10 |
| 11 | – | – | – | – | ·03 | ·24 | Tr. | – | – | Tr. | ·07 | ·03 | | 11 |
| 12 | ·19 | ·13 | – | – | ·23 | – | – | ·02 | Tr. | ·22 | ·18 | Tr. | | 12 |
| 13 | ·05 | ·22 | – | – | Tr. | – | ·02 | ·04 | ·19 | – | ·35 | ·12 | | 13 |
| 14 | ·49 | ·03 | – | – | ·05 | – | Tr. | – | – | ·04 | – | ·09 | | 14 |
| 15 | ·15 | ·04 | Tr. | – | Tr. | – | 11 | ·15 | – | – | Tr. | ·50 | | 15 |
| 16 | ·08 | – | ·01 | – | ·22 | – | ·57 | ·04 | – | – | ·05 | ·39 | | 16 |
| 17 | – | – | – | Tr. | ·52 | – | Tr. | ·01 | – | ·35 | Tr. | – | | 17 |
| 18 | ·02 | Tr. | – | – | ·06 | ·25 | – | Tr. | ·43 | ·05 | ·37 | ·07 | | 18 |
| 19 | – | – | ·02 | – | ·01 | – | – | ·06 | ·23 | – | ·09 | ·48 | | 19 |
| 20 | Tr. | – | – | – | – | – | – | ·02 | ·14 | Tr. | ·09 | ·37 | | 20 |
| 21 | – | Tr. | ·06 | – | – | – | – | ·02 | – | – | ·04 | ·13 | | 21 |
| 22 | – | ·04 | Tr. | – | – | ·06 | – | – | Tr. | – | ·26 | – | | 22 |
| 23 | – | – | – | – | ·15 | ·06 | – | – | ·36 | Tr. | ·20 | – | | 23 |
| 24 | ·01 | – | Tr | ·01 | ·03 | – | ·03 | ·37 | ·06 | ·07 | ·01 | ·30 | | 24 |
| 25 | ·04 | – | ·01 | – | ·09 | – | ·05 | ·13 | Tr. | ·39 | ·20 | ·10 | | 25 |
| 26 | – | ·46 | ·03 | – | ·09 | ·11 | – | – | ·06 | ·15 | – | ·01 | | 26 |
| 27 | ·02 | – | – | ·01 | ·25 | ·09 | ·22 | ·21 | ·02 | ·03 | ·10 | ·16 | | 27 |
| 28 | ·23 | – | – | – | ·51 | ·32 | – | ·02 | ·04 | ·03 | – | Tr. | | 28 |
| 29 | – | – | – | ·03 | ·40 | ·01 | ·02 | ·02 | Tr. | – | ·13 | Tr. | | 29 |
| 30 | ·03 | ✕ | – | – | ·02 | – | Tr. | ·03 | ·57 | Tr. | ·21 | ·04 | | 30 |
| 31 | ·15 | ✕ | – | ✕ | ·21 | ✕ | – | ·02 | ✕ | ·10 | ✕ | ~~Tr.~~ ·68 | | 31 |
| TOTAL | 2·16 | 1·07 | ·21 | ·05 | 3·00 | 3·11 | 2·94 | 1·69 | 2·64 | 3·18 | 2·78 | ~~3·90~~ 4·58 | Year's Total ~~26·73~~ | 27·41 ~~26·73~~ ✓ |
| * Days with ·01 in. or more. | 17 | 8 | 6 | 3 | 18 | 13 | 14 | 17 | 16 | 18 | 19 | ~~22~~ 23 | 17~~1~~2 | ✓ |
| * Days with ·04 in. or more. | 13 | 6 | 2 | – | 13 | 12 | 9 | 9 | 12 | 14 | 18 | ~~18~~ 19 | 12~~6~~7 | ✓ |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Chas. K. Hanratty [P.T.O.

Note ·68 which entered to 31st Dec. represents amt. of snow which fell between midnight on 31st & 9am on 1.1.39 vide Encl. 27A of file 566976/36

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3533/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Tudhoe St. Charles' School, Spennymoor, Entry on Jan 1st entered to Dec 31st 1928 Bench Mark ( 344.9 ) station(actually a ~~[illegible]~~) on the Ordnance Survey Map - 1923 Edtn. - Durham Sheet XXXV.

*in the County of* Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 344 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | * ~~·68~~ | Tr | ·02 | ·03 | – | – | ·05 | Tr | ·53 | ·30 | ·02 | – | | 1 |
| 2 | ·43 | – | Tr | ·05 | – | – | – | ·71 | ·54 ✓ | ·11 | ·06 | – | | 2 |
| 3 | ·23 | ·03 | ·03 | ·10 | – | – | ·01 | ·30 | – | ·03 | ·35 | ·08 | | 3 |
| 4 | – | – | ·26 | ·06 | – | – | ·20 | – | ·21 | – | ·02 | ·20 | | 4 |
| 5 | ·22 | Tr | ·01 | – | ·14 | – | ·28 | ·81 | – | ·12 | ·39 | ·21 | | 5 |
| 6 | – | – | – | – | Tr | – | ·32 | ·02 | – | – | ·04 | – | | 6 |
| 7 | Tr | Tr | * ·12 | – | Thunder ·24 | – | – | – | – | ·05 | ·11 | ·07 | | 7 |
| 8 | ·07 | ·03 | ·07 | – | – | – | ·16 | – | – | – | ·02 | ·50 | | 8 |
| 9 | ·16 | ·01 | Tr | – | Tr | – | ·35 | Tr | ·01 | 1·40 | – | ·03 | | 9 |
| 10 | * ·24 | – | – | – | – | ·16 | – | ·01 | ·06 | Tr | – | Tr | | 10 |
| 11 | * ·54 | – | ·30 | – | ·03 | ·39 | – | – | ·04 | Tr | – | – | | 11 |
| 12 | Tr | Sleet ·06 | – | – | – | ·01 | ·03 | – | – | 1·70 | – | ·04 | | 12 |
| 13 | – | – | ·03 | 03 | ·10 | ·01 | Tr | – | ·03 | ·29 | – | Tr | | 13 |
| 14 | ·43 | Tr | ·04 | – | ·11 | ·33 | ·26 | – | – | ·40 | ·24 | – | | 14 |
| 15 | ·24 | – | Tr | – | ·04 | ·26 | ·16 | – | ·01 | 13 | Tr | – | | 15 |
| 16 | ·13 | – | ·06 | – | ·73 | – | ·03 | – | – | – | ·02 | ~~Tr~~ | | 16 |
| 17 | ·25 | Tr | – | Thunder ·07 | ·04 | – | ·22 | – | – | – | – | Tr | | 17 |
| 18 | ·39 | ·01 | ·11 | – | Tr | ·30 | ·12 | – | ·05 | ·16 | ·71 | – | | 18 |
| 19 | ·16 | Tr | Tr | – | – | ·29 | Tr | – | ·02 | – | – | ·10 | | 19 |
| 20 | – | – | – | – | – | 10 | – | 1·17 | ·02 | – | – | ·05 | | 20 |
| 21 | ·13 | ·13 | Tr | ·02 | Tr | ·02 | – | ·04 | ·08 | – | – | Tr | | 21 |
| 22 | ·28 | ·17 | Tr | Sleet ·13 | – | – | ·02 | – | – | – | – | – | | 22 |
| 23 | ·02 | ·02 | ·03 | ·15 | – | ·07 | ·02 | – | ·04 | – | – | – | | 23 |
| 24 | – | 02 | * ·22 | ·25 | – | ·03 | – | ·15 | – | – | – | Tr | | 24 |
| 25 | * ·43 | – | * ·03 | – | – | – | – | Tr | – | Tr | ·11 | ·08 | | 25 |
| 26 | ·09 | ·01 | ·04 | Tr | – | Tr | – | Tr | – | * ·69 | – | Tr | | 26 |
| 27 | * ·24 | ·18 | ·87 | Tr | – | ·12 | ·11 | ·10 | – | ·18 | ·02 | ~~07~~ | | 27 |
| 28 | * ·24 | ·26 | ·75 | ·10 | – | ·15 | 18 | Tr | – | – | ·29 | * ·01 | | 28 |
| 29 | ·01 | / | ·01 | – | – | ·04 | ·31 | Tr | – | ·81 | – | – | | 29 |
| 30 | ·04 | X | – | ·03 | – | ·15 | 05 | Tr | – | ·20 | ·11 | – | | 30 |
| 31 | – | X | – | X | – | X | ·04 | – | X | ·10 | X | – | | 31 |
| TOTAL | 4·97 ~~5·65~~ | ·93 | 3·00 | 1·02 | 1·43 | 2·43 | 2·92 | 3·31 | 1·64 | 6·67 | 2·51 | 1·37 | Year's Total ~~3288~~ | 32·20 ✓ ~~(52·88)~~ |
| * Days with .01 in. or more. | 2~~7~~2 | 12 | 18 | 12 | 8 | 16 | 20 | 9 | 13 | 16 | 15 | 11 | 17~~3~~2 | ✓ |
| * Days with .04 in. or more. | 2~~1~~0 | 5 | 11 | 8 | 7 | 12 | 15 | 7 | 8 | 15 | 10 | 9 | 12~~8~~7 | ✓ |

* Snow

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Chas. L. Hanratty.

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3533/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~/40

*Kept at* Tudhoe St. Charles' School

*in the County of* Spennymoor, Co. Durham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 344 ft.

Station actually a Bench Mark ( 344 . 9
on the Ordnance Survey Map - 1923 Edtn.
( Durham Sheet XXXV )

Snow.

Totals

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | – | – | ·05 | – | – | – | – | – | – | ·03 | Tr | | 1 |
| 2 | – | – | – | ·10 | – | – | – | – | – | – | ·15 | ·04 | | 2 |
| 3 | ·11 | * – | – | ·04 | – | – | – | – | – | ·02 | Tr | Tr | | 3 |
| 4 | – | ·40 | – | Tr | – | – | ·07 | – | – | ·03 | ·19 | ·02 | | 4 |
| 5 | – | – | – | – | ·27 | – | ·20 | – | – | ·06 | ·03 | ·20 | | 5 |
| 6 | ·01 | ·14 | – | – | – | – | – | – | – | ·57 | ·15 | ·19 | | 6 |
| 7 | ·03 | ·45 | – | ·02 | Tr | – | ·03 | ·02 | ·11 | ·02 | – | Tr | | 7 |
| 8 | Tr | ·02 | – | ·02 | – | ·14 | – | ·07 | Tr | ·18 | ·01 | ·13 | | 8 |
| 9 | – | – | ·14 | – | – | – | ·33 | – | Tr | ·11 | ·46 | Tr | | 9 |
| 10 | – | * – | ·05 | – | – | – | 1·01 | – | – | Tr | ·05 | – | | 10 |
| 11 | – | ·11 | ·03 | – | – | – | ·71 | – | ·03 | – | ·25 | – | | 11 |
| 12 | – | * – | * ·82 | – | – | ·07 | Tr | – | ·06 | – | – | – | | 12 |
| 13 | – | * ·16 | * ·15 | – | – | – | ·61 | – | ·13 | ·02 | ·02 | – | | 13 |
| 14 | * – | ·03 | ·01 | ·62 | ·05 | – | ·30 | – | – | ·04 | – | ·20 | | 14 |
| 15 | * ·09 | – | – | – | ·25 | ·02 | Tr | – | – | – | ·02 | ·02 | | 15 |
| 16 | ·21 | – | – | – | – | – | ·28 | – | ·95 | ·15 | ·25 | Tr | | 16 |
| 17 | – | * – | ·16 | – | – | – | ·93 | – | ·03 | ·21 | ·62 | – | | 17 |
| 18 | – | * ·25 | ·25 | ·35 | – | – | ·05 | ·26 | ·02 | – | ·46 | ·06 | | 18 |
| 19 | – | ·05 | ·02 | ·13 | – | – | Tr | – | ·01 | Tr | ·24 | – | | 19 |
| 20 | * – | – | – | ·16 | – | – | ·23 | – | ·07 | ·02 | ·02 | – | | 20 |
| 21 | * ·53 | – | ·05 | ·01 | – | ·30 | – | ·37 | – | ·15 | ·20 | – | | 21 |
| 22 | ·25 | – | ·03 | – | ·24 | ·07 | – | ·02 | ·02 | ·44 | – | – | | 22 |
| 23 | * – | – | – | ·17 | – | – | ·05 | ·03 | Tr | ·19 | ·07 | – | | 23 |
| 24 | ·08 | ·07 | – | ·06 | – | – | – | – | Tr | ·17 | – | ·22 | | 24 |
| 25 | * – | – | – | – | – | – | ·50 | – | – | ·08 | – | – | | 25 |
| 26 | * ·49 | ·03 | – | – | ·13 | – | ·22 | ·02 | – | Tr | – | – | | 26 |
| 27 | * ·22 | ·20 | – | ·03 | – | – | – | – | – | ·07 | – | – | | 27 |
| 28 | * ·06 | ·58 | – | ·01 | ·23 | – | – | – | – | ·02 | – | – | | 28 |
| 29 | * ·02 | – | ·30 | Tr | – | Tr | ·04 | Tr | – | Tr | – | – | | 29 |
| 30 | * ·13 | ✕ | ·01 | – | – | – | – | – | – | ·54 | – | * ·94 | PTa | 30 |
| 31 | ·31 | ✕ | ·08 | ✕ | – | ✕ | – | – | ✕ | ·32 | ✕ | ·28 | | 31 |
| * Snow<br>TOTAL | 2·54 | 2·49 | 2·10 | 1·17 | 1·17 | ·60 | 4·96 | ·79 | 1·43 | 3·41 | 3·22 | 2·30 | Year's Total<br>26·18 | 26·18 |
| * Days with .01 in. or more. | 14 | 13 | 14 | 14 | 6 | 5 | 16 | 7 | 10 | 21 | 18 | 11 | 149 | |
| * Days with .04 in. or more. | 11 | 10 | 9 | 8 | 6 | 4 | 14 | 3 | 5 | 15 | 12 | 9 | 106 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Chas. K. Hanratty [P.T.O.

FORM 1090. **B** Mont
Sum

3535

3535

BURNHOPE GRASS MERES
1931 — 40

780701

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other side

also the space for

er should be sent:—
Board
op Auckland.

## RAINFALL IN 1931.

At Grass Meres
In the County of Durham
Rain Gauge { Diameter of Funnel
*Height of Top above Ground* ....... *ft* .
*Height of Ground above Sea Level* 18

Summer
Direction from gauge
Direction from gauge
gauge . .

| | Month. | Total Depth. Inches. | Greatest Fall in 24 hours. Inches. | Greatest Fall in 24 hours. Date. | Num Days ·01 in or mor * | |
|---|---|---|---|---|---|---|
| (5.50) | JAN. | (5 3.50) | | | | |
| (5.80) | FEB. | (5 3.80) | | | | |
| (2.00) | MAR. | (2 1.00) | | | | |
| | APRIL | 4.30 | | | | |
| | MAY | 3.50 | Read Monthly | | | |
| | JUNE | 6.45 | | | | |
| | JULY | 5.00 | | | | |
| | AUG. | 4.70 | | | | |
| | SEPT. | 2.70 | | | | |
| | OCT. | 3.60 | | | | |
| | NOV. | 7.85 | | | | |
| | DEC. | 4.60 | | | | |
| (56.00) | Total | (56.00) ~~51.00~~ | | | | |

*Signature* J. Robinson.
Engineer

*See Instruction 2 (*f*) below.

**If gauge has been moved during the year state—**

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Feb [illegible]

Burnhope [illegible] 6.10
Bowes Close 5.78
Lodge [illegible] 4.95

~~[illegible] 3.55~~

Observer agrees to amendments.

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mon Summary. Particulars of Station.

3535

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931.

At Grass Meres

In the County of Durham

Rain Gauge
Diameter of Funnel ........ in.
*Height of Top above Ground* ........ *ft.* ........ *in.*
*Height of Ground above Sea Level* 1850 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| (5.50) JAN. | (5 ~~3~~·50) | Read Monthly | | | |
| (5.80) FEB. | (5 ~~3~~·80) | | | | |
| (2.00) MAR. | (2 ~~1~~·00) | | | | |
| APRIL | 4·30 | | | | |
| MAY | 3·50 | | | | |
| JUNE | 6·45 | | | | |
| JULY | 5·00 | | | | |
| AUG. | 4·70 | | | | |
| SEPT. | 2·70 | | | | |
| OCT. | 3·60 | | | | |
| NOV. | 7·85 | | | | |
| DEC. | 4·60 | | | | |
| (56.00) Total | (56.00) ~~51·00~~ | | | | |

Signature H Robinson.
Engineer

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

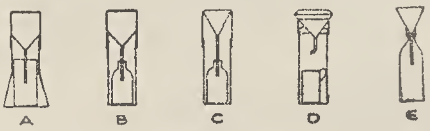
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Feb [illegible]

Burnhope R^r 6.10
Bowes Close 5.74
Lodgegill [illegible] 4.95
[illegible]
~~Waskerley [illegible] 3.55~~

Observer agrees to amendments.

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3535

FORM 1090. **B** Monthly Summary.

**C** Particulars of Station.

***,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1932.

At Grass Meres,
In the County of Durham
Rain Gauge {
Diameter of Funnel ........ in.
*Height of Top above Ground* ...... *ft.* ...... *in.*
*Height of Ground above Sea Level* 1850 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 12·05 | Read Monthly | | | |
| FEB. | 1·00 | | | | |
| MAR. | 5·10 | | | | |
| APRIL | 6·30 | | | | |
| MAY | 2·90 | | | | |
| JUNE | 3·55 | | | | |
| JULY | 5·00 | | | | |
| AUG. | 4·00 | | | | |
| SEPT. | 6·50 | | | | |
| OCT. | 9·70 | | | | |
| NOV. | 4·60 | | | | |
| DEC. | 6·10 | | | | |
| Total | 66·80 | | | | |
| | Inches | | | | |

*Signature* H Robinson
Engineer.

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

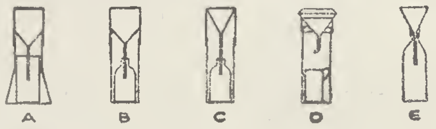
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3535

FORM 1090.

## B Monthly Summary.

*⁎* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1933

At Grass Meres

In the County of Durham

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 5·80 | | | | |
| FEB. | 4·90 | | | | |
| MAR. | 2·50 | | | | |
| APRIL | 3·40 | | | | |
| MAY | 2·90 | | | | |
| JUNE | 3·10 | Read Monthly | | | |
| JULY | 4·60 | | | | |
| AUG. | 1·80 | | | | |
| SEPT. | 2·50 | | | | |
| OCT. | 5·90 | | | | |
| NOV. | 3·50 | | | | |
| DEC. | 1·40 | | | | |
| Total | 42·30 | | | | |

*Signature* Henry Robinson
Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

3535

FORM 1090.

## B Monthly Summary.

*⁎* **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1934.

At Grass Meres

In the County of Durham

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 6·80 | Read Monthly | | | |
| FEB. | ·40 | | | | |
| MAR. | 5·10 | | | | |
| APRIL | 4·80 | | | | |
| MAY | 4·50 | | | | |
| JUNE | 2·40 | | | | |
| JULY | 4·20 | | | | |
| AUG. | 4·20 | | | | |
| SEPT. | 4·60 | | | | |
| OCT. | 9·80 | | | | |
| NOV. | 3·20 | | | | |
| DEC. | 8·20 | | | | |
| Total | 58·20 | | | | |

*Signature* Henry Robinson
Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

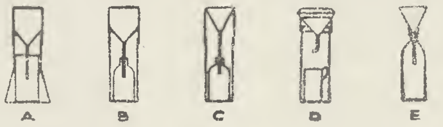
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3535

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1935.

At Grass Meres

In the County of Durham

Rain Gauge
- Diameter of Funnel.................in.
- *Height of Top above Ground.........ft...........in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 2·90 | | | | |
| FEB. | 10·80 | | | | |
| MAR. | 2·70 | | | | |
| APRIL | 5·80 | | | | |
| MAY | 1·10 | | | | |
| JUNE | 4·20 | Read | | | |
| JULY | 3·20 | Monthly. | | | |
| AUG. | 2·90 | | | | |
| SEPT. | 7·50 | | | | |
| OCT. | 10·60 | | | | |
| NOV. | 7·60 | | | | |
| DEC. | 5·20 | | | | |
| TOTAL | 64·50 | | | | |

*Signature* H. Robinson

Engineer.

*See Instruction 2 *(f)* below.

## C Particulars of Station,

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

Durham County Water Board,
227 Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................Distance.................Direction from gauge.................

Nearest Parish Church at.................Distance.................Direction from gauge.................

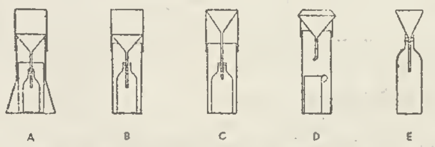
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................Distance.................Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

.................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Travelling forms H. Robinson Esq. C.E. 3535

1

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1936

At Burnhope (Grass Meres)

In the County of Durham

Rain Gauge
Diameter of Funnel..........in.
*Height of Top above Ground.........ft...........in.*
*Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 8·40 | | | | |
| FEB. | 3·30 | | | | |
| MAR. | 8·40 | | | | |
| APRIL | 3·20 | | | | |
| MAY | 2·20 | | | | |
| JUNE | 3·80 | Read | | | |
| JULY | 5·80 | Monthly | | | |
| AUG. | 2·80 | | | | |
| SEPT. | 5·80 | | | | |
| OCT. | 7·80 | | | | |
| NOV. | 6·10 | | | | |
| DEC. | 8·30 | | | | |
| TOTAL | 65·90 | | | | |

*Signature** H Robinson
Engineer

*See Instruction 2 *(f)* below.

## C Particulars of Station,

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

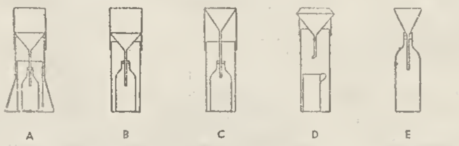
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r|}17\\18\end{array}\right\}\cdot 14\,|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

48

[illegible] Esq. C.E.,
Durham County Water Bd.

3535

FORM 1090.

## B Monthly Summary.

*.* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937.

At Burnhope (Grass Meres)

In the County of Durham

Rain Gauge
- Diameter of Funnel ............ in.
- *Height of Top above Ground ...... ft. ...... in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 7·40 | | | | |
| FEB. | 5·90 | | | | |
| MAR. | 4·30 | | | | |
| APRIL | 3·10 | | | | |
| MAY | 4·10 | | | | |
| JUNE | 2·50 | | Recd Monthly | | |
| JULY | 2·50 | | | | |
| AUG. | 3·10 | | | | |
| SEPT. | 4·20 | | | | |
| OCT. | 2·90 | | | | |
| NOV. | 1·40 | | | | |
| DEC. | 6·04 | | | | |
| TOTAL | 47·44 | | | | |

*Signature* H. Robinson
Engineer.

*See Instruction 2 *(f)* below.

## C Particulars of Station,

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Every observer is requested to fill in this section and also the space for notes as far as possible.

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter ............ in Summer ............

Nearest Railway Station ............ Distance ............ Direction from gauge ............

Nearest Parish Church at ............ Distance ............ Direction from gauge ............

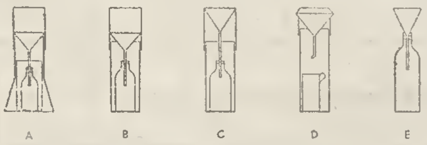
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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48 Durham County Water Bd. Travelling Forms. 3535

Form 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1938.

At Burnhope, Grass Meres.

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground........ft............in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| Jan. | 10·10 | | | | |
| Feb. | 3·10 | | | | |
| Mar. | 3·50 | | | | |
| April | 2·10 | | | | |
| May | 3·40 | | | | |
| June | 6·60 | Read Monthly | | | |
| July | 5·75 | | | | |
| Aug. | 4·10 | | | | |
| Sept. | 2·60 | | | | |
| Oct. | 14·70 | | | | |
| Nov. | 8·90 | | | | |
| Dec. | 6·10 | | | | |
| Total | 70·95 | | | | |

Signature J. A. Rowsell.
Engineer

* See Instruction 3 *(f)* below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.............. Direction from gauge..........

Nearest Parish Church at.................. Distance.............. Direction from gauge..........

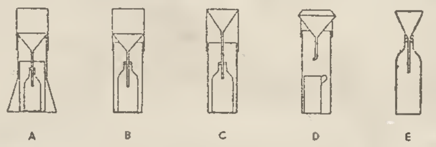
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Travelling Form — ~~H. Robinson, Esq.~~ now J. V. Rotwell, Esq.

FORM 1090.

## B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1939.

At Burnhope Cross Mines

In the County of Durham

Rain Gauge
- Diameter of Funnel ........................ in.
- *Height of Top above Ground* ........ *ft.* ........ *in.*
- *Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 10·25 | Read Monthly | | | |
| FEB. | 7·30 | | | | |
| MAR. | 4·90 | | | | |
| APRIL | 2·80 | | | | |
| MAY | 1·25 | | | | |
| JUNE | 5·00 | | | | |
| JULY | 7·10 | | | | |
| AUG. | 3·00 | | | | |
| SEPT. | 2·50 | | | | |
| OCT. | 4·80 | | | | |
| NOV. | 9·40 | | | | |
| DEC. | 2·50 | | | | |
| TOTAL | 60·80 | | | | |

*Signature* ..........................................

ENGINEER.

* See Instruction 3 *(f)* below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Durham County Water Board
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter ........................ in Summer ....................

Nearest Railway Station ................................ Distance .................. Direction from gauge ..............

Nearest Parish Church at ................................ Distance .................. Direction from gauge ..............

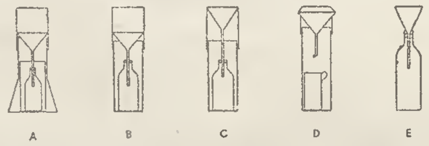
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ........................................ Distance .............. Direction ..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

48 Durham County Water Bd T.F. 3535

FORM 1090.

## B Monthly Summary.

*,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 19340

At Burnhope, Grass Meres

In the County of Durham

Rain Gauge
Diameter of Funnel..........in.
*Height of Top above Ground.......ft..........in.*
*Height of Ground above Sea Level* 1850 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 2·90 | ✓ | | | |
| FEB. | 2·70 | | | | |
| MAR. | 6·80 | ✓ | | | |
| APRIL | 3·80 | ✓ | | | |
| MAY | 1·80 | ✓ | | | |
| JUNE | 1·00 | ✓ | Read | | |
| JULY | 6·30 | ✓ | Monthly | | |
| AUG. | 3·10 | ✓ | | | |
| SEPT. | 5·00 | ✓ | | | |
| OCT. | 7·20 | ✓ | | | |
| NOV. | 6·80 | ✓ | | | |
| DEC. | 5·80 | ✓ | | | |
| TOTAL | 53·20 | ✓ | | | |

*Signature* ..........................

* See Instruction 3 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Durham County Water Board
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

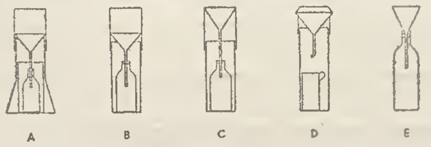
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

/ . I V. Y

FORM 1090. **B** Mont
Sumi

3536

3536

LODGEGILL MINE
1931—40

78701

*_* The following register of monthly
&c., is NOT required if daily or
values are given on the other side

also the space for

er should be sent:—
ward
p Auckland

## RAINFALL IN 1931.

At Lodgegill Mine
In the County of Durha
Rain Gauge
Diameter of Funnel
*Height of Top above Ground* ft.
*Height of Ground above Sea Level* 195

Summer
Direction from gauge
Direction from gauge

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Numb Days ·01 in or more | ·04 in. or more |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | * | * |
| (5·45) JAN. | (~~4~~ 5·45) | Read Monthly | | | |
| (5 95) FEB. | (~~4~~ 5·95) | | | | |
| (2.25) MAR. | (~~4~~ 2·25) | | | | |
| APRIL | 5·00 | | | | |
| MAY | 3·90 | | | | |
| JUNE | 7·20 | | | | |
| JULY | 6·50 | | | | |
| AUG. | 5·30 | | | | |
| SEPT. | 3·15 | | | | |
| OCT. | 4·35 | | | | |
| NOV. | 8·20 | | | | |
| DEC. | 4·85 | | | | |
| (62.10) Total | (62.10) ~~59·10~~ | | | | |

Signature H. Robinson.
Engineer

*See Instruction 2 (*f*) below.

Distances ..

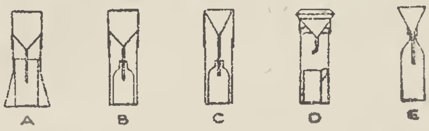
Directions from gauge ..

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

Observer agrees to amendment

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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J . I.V.Y.

FORM 1090. **B** Mont
Summary.

3536

*,* **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931.

At Lodgegill Mine
In the County of Durham
Rain Gauge
Diameter of Funnel..........in.
*Height of Top above Ground..........ft..........in.*
*Height of Ground above Sea Level* 1950 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| (5·45) Jan. | (~~4~~5·45) | | | | |
| (5 95) Feb. | (~~4~~5·95) | | | | |
| (2.25) Mar. | (~~4~~2·25) | | | | |
| April | 5·00 | | | | |
| May | 3·90 | | | | |
| June | 7·20 | Read | | | |
| July | 6·50 | Monthly | | | |
| Aug. | 5·30 | | | | |
| Sept. | 3·15 | | | | |
| Oct. | 4·35 | | | | |
| Nov. | 8·20 | | | | |
| Dec. | 4·85 | | | | |
| (62·10) Total | (62.10) ~~59·10~~ ✓ | | | | |

*Signature* H. Robinson.
Engineer

*See Instruction 2 (*f*) below.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter..........in Summer..........
Nearest Railway Station.......... Distance.......... Direction from gauge..........
Nearest Parish Church at.......... Distance.......... Direction from gauge..........

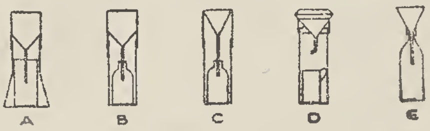
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

Observer agrees to amendment

## D INSTRUCTIONS.

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3536

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1932.

At Lodgegill Mine,

In the County of Durham.

Rain Gauge

Diameter of Funnel.................in.

*Height of Top above Ground*.........*ft*.........*in*.

*Height of Ground above Sea Level* 1950 *ft*.

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 13·15 | | | | |
| FEB. | 1·15 | | | | |
| MAR. | 5·90 | | | | |
| APRIL | 7·00 | | | | |
| MAY | 3·80 | | | | |
| JUNE | 3·80 | Read | | | |
| JULY | 6·10 | Monthly | | | |
| AUG. | 4·45 | | | | |
| SEPT. | 7·50 | | | | |
| OCT. | 10·50 | | | | |
| NOV. | 5·35 | | | | |
| DEC. | 6·40 | | | | |
| Total | 75·10 | | | | |

Signature H. Robinson
Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

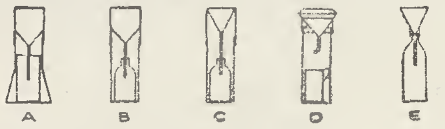
400

**If gauge has been moved during the year state—**

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

April misplotted as 170 Value O.K.

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{r|}17\\18\end{array}\left.\vphantom{\begin{array}{c}1\\1\end{array}}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32, Gp. 119/110.

√15J.

3536

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1933.

At Lodgegill Mine

In the County of Durham

Rain Gauge
Diameter of Funnel ............ in.
*Height of Top above Ground* ...... *ft* ...... *in*.
*Height of Ground above Sea Level* 1950 *ft*.

| Month. | Total Depth. | Greatest Fall in 24 hours. |  | Number of Days with |  |
|---|---|---|---|---|---|
|  |  |  |  | ·01 in. or more | ·04 in. or more |
|  | Inches | Inches | Date. | * | * |
| JAN. | 6·30 |  |  |  |  |
| FEB. | 5·10 |  |  |  |  |
| MAR. | 3·25 |  |  |  |  |
| APRIL | 3·75 |  |  |  |  |
| MAY | 3·25 |  |  |  |  |
| JUNE | 3·55 | Read Monthly |  |  |  |
| JULY | 4·80 |  |  |  |  |
| AUG. | 2·30 |  |  |  |  |
| SEPT. | 2·85 |  |  |  |  |
| OCT. | 6·60 |  |  |  |  |
| NOV. | 3·95 |  |  |  |  |
| DEC. | 1·65 |  |  |  |  |
| Total | 47·35 √. |  |  |  |  |

Signature Henry Robinson
Engineer.

*See Instruction 2 (*f*) below.

**C** Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ............ in Summer ............

Nearest Railway Station ............ Distance ............ Direction from gauge ............

Nearest Parish Church at ............ Distance ............ Direction from gauge ............

|  |  |  |  |  |
|---|---|---|---|---|
| Nature of objects nearest to gauge |  |  |  |  |
| Heights of objects |  |  |  |  |
| Distances .. |  |  |  |  |
| Directions from gauge .. |  |  |  |  |

If gauge has been moved during the year state—

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O. 7
[illegible] JAN 1934

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090. **B** Monthly Summary. ✓ If 3536

**** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1934.

At Lodgegill Mine

In the County of Durham

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* 1950 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 7·60 | | | | |
| FEB. | ·55 | | | | |
| MAR. | 5·50 | | | | |
| APRIL | 6·20 | | | | |
| MAY | 5·00 | | | | |
| JUNE | 2·85 | Read Monthly | | | |
| JULY | 4·95 | | | | |
| AUG. | 5·00 | | | | |
| SEPT. | 4·90 | | | | |
| OCT. | 10·60 | | | | |
| NOV. | 3·40 | | | | |
| DEC. | 8·80 | | | | |
| Total | 65·35 ✓ | | | | |

*Signature* Henry Robinson.
Engineer.

*See Instruction 2 (*f*) below.

**C** **Particulars of Station.**

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board.
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O. 7

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

√B

3536

FORM 1090. **B** Monthly Summary.

*.* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1935.

At Lodgegill Mine

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.........ft..........in.*
- *Height of Ground above Sea Level* 1950 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | Inches | Inches | Date | ·01 in. or more * | ·04 in. or more * |
| JAN. | 3·05 | Read Monthly | | | |
| FEB. | 11·20 | | | | |
| MAR. | 3·00 | | | | |
| APRIL | 6·35 | | | | |
| MAY | 1·15 | | | | |
| JUNE | 5·00 | | | | |
| JULY | 3·85 | | | | |
| AUG. | 3·15 | | | | |
| SEPT. | 8·20 | | | | |
| OCT. | 11·80 | | | | |
| NOV. | 8·20 | | | | |
| DEC. | 5·70 | | | | |
| TOTAL | 70·65 ✓ | | | | |

*Signature* H Robinson

Engineer.

*See Instruction 2 (*f*) below.

**C** Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Durham County Water Board
227 Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

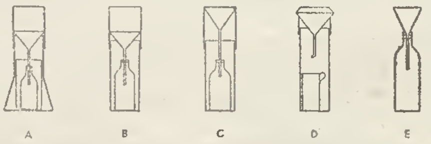
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state –**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

400

3536
2

FORM 1090.

## B Monthly Summary.

*,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1936

At Burnhope (Hedgegill Mine)

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.......ft.........in.*
- *Height of Ground above Sea Level* 1950 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 8·62 | | | | |
| FEB. | 3·65 | | | | |
| MAR. | 8·70 | | | | |
| APRIL | 3·45 | | | | |
| MAY | 2·25 | | | | |
| JUNE | 4·10 | Read | | | |
| JULY | 6·80 | Monthly | | | |
| AUG. | 3·05 | | | | |
| SEPT. | 6·45 | | | | |
| OCT. | 8·90 | | | | |
| NOV. | 6·80 | | | | |
| DEC. | 8·80 | | | | |
| TOTAL | 71·57 | | | | |

*Signature* H. Robinson
Engineer

*See Instruction 2 (*f*) below.

## C Particulars of Station,

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

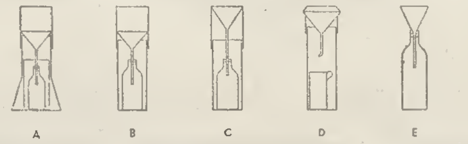
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state –**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3536

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

FORM 1090.

## B Monthly Summary.

*,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937.

At Burnhope (Hodgegill Mine)

In the County of Durham

Rain Gauge
Diameter of Funnel..........in.
*Height of Top above Ground*.......*ft*.........*in.*
*Height of Ground above Sea Level* 1950 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 7·65 ✓ | | | | |
| FEB. | 6·25 | | | | |
| MAR. | 4·65 ✓ | | | | |
| APRIL | 3·35 ✓ | | | | |
| MAY | 4·35 ✓ | | | | |
| JUNE | 2·55 ✓ | Read Monthly | | | |
| JULY | 2·85 ✓ | | | | |
| AUG. | 3·45 ✓ | | | | |
| SEPT. | 4·60 ✓ | | | | |
| OCT. | 3·10 ✓ | | | | |
| NOV. | 1·55 ✓ | | | | |
| DEC. | 6·25 ✓ | | | | |
| TOTAL | 50·60 ✓ | | | | |

*Signature* H. Robinson
Engineer.

*See Instruction 2 *(f)* below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

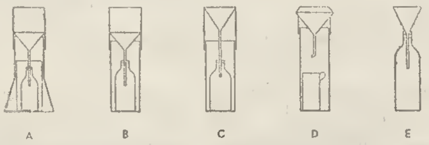
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state**—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

✓

3536

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1938.

At Burnhope, Lodgegill Mine

In the County of Durham

Rain Gauge { Diameter of Funnel.......................in.

*Height of Top above Ground.........ft............in.*

*Height of Ground above Sea Level.*1950*...ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 10·20 | | | | |
| FEB. | 3·25 | | | | |
| MAR. | 3·85 | | | | |
| APRIL | 2·15 | 9·25 | | | |
| MAY | 3·65 | | | | |
| JUNE | 7·30 | Read Monthly | | | |
| JULY | 6·40 | | | | |
| AUG. | 4·80 | | | | |
| SEPT. | 2·65 | | | | |
| OCT. | 15·40 | | | | |
| NOV. | 9·45 | | | | |
| DEC. | 6·40 | | | | |
| TOTAL | 75·55 | | | | |

*Signature* J. A. Rodwell. Engineer

* See Instruction 3 *(f)* below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter......................in Summer..................

Nearest Railway Station.............................. Distance..................Direction from gauge............

Nearest Parish Church at.............................. Distance..................Direction from gauge............

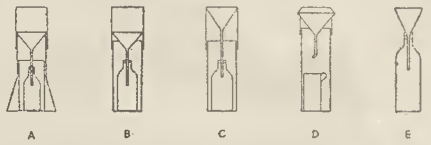
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.............................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..............................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3536

FORM 1090.

## B Monthly Summary.

*The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1939.

At T. Burnhope, Lodgegill Mine

In the County of Durham

Rain Gauge
Diameter of Funnel........................in.
*Height of Top above Ground.........ft.............in.*
*Height of Ground above Sea Level* 1950 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 10·40 | | | | |
| FEB. | 7·90 ✓ | | | | |
| MAR. | 4·75 ✓ | | | | |
| APRIL | 3·20 ✓ | | | | |
| MAY | 1·45 ✓ | | | | |
| JUNE | 5·45 ✓ | Read | | | |
| JULY | 7·95 ✓ | Monthly | | | |
| AUG. | 3·50 ✓ | | | | |
| SEPT. | 2·65 ✓ | | | | |
| OCT. | 5·06 ✓ | | | | |
| NOV. | 10·05 ✓ | | | | |
| DEC. | 2·85 ✓ | | | | |
| TOTAL | 65·20 ✓ | | | | |

*Signature* ..........................................

ENGINEER.

* See Instruction 3 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter........................in Summer........................

Nearest Railway Station.................................... Distance.................... Direction from gauge..............

Nearest Parish Church at.................................... Distance.................... Direction from gauge..............

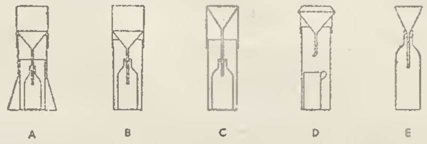
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

4·00

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3536 ✓

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 19~~3~~40

At Burnhope, Lodgegill Mine

In the County of Durham

Rain Gauge
Diameter of Funnel......in.
*Height of Top above Ground......ft......in.*
*Height of Ground above Sea Level* 1950 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 3·10 | ✓ | | | |
| FEB. | 2·75 | ✓ | | | |
| MAR. | 7·55 | ✓ | | | |
| APRIL | 4·25 | ✓ | | | |
| MAY | 2·05 | ✓ | | | |
| JUNE | 1·05 | ✓ | Read | | |
| JULY | 6·85 | ✓ | Monthly | | |
| AUG. | 3·35 | ✓ | | | |
| SEPT. | 5·30 | ✓ | | | |
| OCT. | 7·90 | ✓ | | | |
| NOV. | 7·90 | ✓ | | | |
| DEC. | 6·30 | ✓ | | | |
| TOTAL | 58·35 | ✓ | | | |

*Signature* ..........

* See Instruction 3 *(f)* below.

## C Particulars of ~~Station.~~ 400

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter...... in Summer......

Nearest Railway Station...... Distance...... Direction from gauge......

Nearest Parish Church at...... Distance...... Direction from gauge......

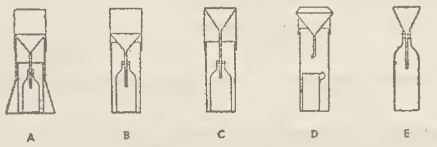
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move...... Distance...... Direction......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

......

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

TRAVELLING FORM,
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

(3536/5)

Section **A** for the entry of Dai

AIR MINISTRY.—

COPY FOR OFFICIAL USE.

RAINFALL ORGANIZATION.

FORM 1090.

# REGISTE 1931.

Durham/2

3536/5 —

BURNHOPE BRIDGE

1931 – 40

78070/

*Kept at* X Burnho

*in the County of* Durh

mp NP

Diameter of Funnel of Gauge 8

Height of top of Gauge above Ground

moved temp.

,, Ground ,, Sea Level

**THE MORNING MEASURE IOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·20 | ·10 | — | ·01 | ·01 | — | ·35 | ·13 | — | — | 1 |
| 2 | — | ·19 | — | ·50 | — | ·94 | ·14 | — | ·34 | ·08 | ·35 | ·84 | 2 |
| 3 | — | snow ·01 | ·01 | ·40 | — | ·18 | — | — | ·81 | ·02 | 2·29 | ·17 | 3 |
| 4 | — | snow ·02 | — | ·33 | ·02 | ·06 | — | — | 1·02 | — | ·07 | ·40 | 4 |
| 5 | — | snow ·01 | — | — | ·16 | ·95 | ·14 | ·03 | ·11 | — | — | ·96 | 5 |
| 6 | — | snow ·08 | snow ·15 | — | — | ·50 | ·41 | ·52 | ·06 | ·24 | ·23 | — | 6 |
| 7 | — | — | snow ·15 | — | ·03 | ·29 | ·04 | ·33 | — | ·19 | ·11 | ·12 | 7 |
| 8 | — | ·15 | snow ·21 | ·01 | ·06 | ·31 | ·37 | ·06 | ·09 | ·26 | ·09 | ·04 | 8 |
| 9 | ·06 | ·45 | snow ·48 | ·04 | — | ·02 | ·01 | ·19 | — | ·39 | ·29 | — | 9 |
| 10 | ·10 | ·28 | snow ·26 | ·01 | ·23 | ·26 | — | — | — | — | ·12 | ·03 | 10 |
| 11 | ·22 | snow 2·22 | — | ·14 | ·02 | ·03 | ·20 | — | ·09 | — | ·23 | — | 11 |
| 12 | snow ·17 | ·16 | — | ·09 | — | — | ·20 | ·02 | — | ·12 | ·01 | — | 12 |
| 13 | — | — | snow ·45 | ·04 | ·21 | ·08 | ·02 | ·42 | ·01 | — | ·02 | — | 13 |
| 14 | ·09 | ·11 | ·03 | ·02 | ·15 | ·85 | ·35 | ·08 | — | — | ·17 | ·10 | 14 |
| 15 | ·14 | snow ·45 | — | ·25 | ·02 | ·04 | ·02 | ·28 | — | — | ·01 | — | 15 |
| 16 | ·50 | snow ·38 | — | ·57 | ·03 | ·03 | ·07 | ·73 | ·04 | — | — | — | 16 |
| 17 | — | snow ·23 | — | ·70 | — | ·14 | ·15 | ·23 | — | — | ·34 | — | 17 |
| 18 | ·24 | ·02 | — | ·44 | — | ·40 | ·22 | ·13 | ·03 | — | ·29 | — | 18 |
| 19 | ·04 | ·15 | ·01 | — | — | — | ·07 | ·60 | ·03 | ·12 | — | — | 19 |
| 20 | — | ·13 | — | ·03 | — | — | — | ·18 | — | — | ·11 | ·04 | 20 |
| 21 | ·15 | — | — | ·08 | ·02 | ·20 | — | ·10 | — | — | ·07 | — | 21 |
| 22 | ·57 | ·23 | — | ·34 | ·01 | ·12 | ·32 | ·04 | — | — | ·06 | — | 22 |
| 23 | ·72 | — | — | ·28 | ·30 | ·30 | ·03 | — | ·04 | ·22 | ·57 | ·16 | 23 |
| 24 | ·14 | ·18 | — | ·44 | ·50 | — | — | — | ·02 | — | ·03 | ·10 | 24 |
| 25 | ·07 | ·21 | — | ·25 | ·16 | — | — | — | — | — | ·15 | — | 25 |
| 26 | ·04 | ·38 | — | ·20 | — | — | ·07 | — | — | — | ·48 | — | 26 |
| 27 | ·05 | ·04 | ·01 | ·18 | — | — | ·25 | — | — | ·40 | ·04 | ·22 | 27 |
| 28 | snow ·35 | ·02 | — | ·22 | ·43 | ·01 | ·17 | — | — | — | ·07 | ·01 | 28 |
| 29 | snow ·47 | × | ·01 | — | ·10 | ·02 | ·52 | — | — | ·54 | — | ·30 | 29 |
| 30 | snow ·10 | × | ·01 | ·02 | ·70 | — | — | — | ·01 | — | — | — | 30 |
| 31 | snow 1·00 | × | — | × | ·12 | × | — | — | × | — | × | ·03 | 31 |
| TOTAL | 5·22 | 6·10 | 1·98 | 5·68 | 3·27 | 5·74 | 3·78 | 3·94 | 3·05 | 2·71 | 6·20 | 3·52 | YEAR'S TOTAL 51·19 |
| *Days with ·01 in. or more. | 20 | 23 | 13 | 25 | 19 | 22 | 22 | 16 | 15 | 12 | 24 | 15 | 226 |
| *Days with ·04 in. or more. | 20 | 18 | 7 | 20 | 12 | 16 | 17 | 14 | 10 | 11 | 20 | 12 | 177 |

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*See Instruction 2 (*f*) on other side.

(Signed) H. Robinson.
Engineer

[P.T.O.

**Section** **A** **for the entry of Da**

3536/5

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.— RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

Durham/2

*Kept at* X Burnhope BRIDGE X

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 1160 ft.

1930 inp NP

mowg moved temp.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | — | ·20 | ·10 | — | ·01 | ·01 | — | ·35 | ·13 | — | — | 1 |
| 2 | — | ·19 | — | ·50 | — | ·94 | ·14 | — | ·34 | ·08 | ·35 | ·84 | 2 |
| 3 | — | snow ·01 | ·01 | ·40 | — | ·18 | — | — | ·81 | ·02 | 2·29 | ·17 | 3 |
| 4 | — | snow ·02 | — | ·33 | ·02 | ·06 | — | — | 1·02 | — | ·07 | ·40 | 4 |
| 5 | — | snow ·01 | — | — | ·16 | ·95 | ·14 | ·03 | ·11 | — | — | ·96 | 5 |
| 6 | — | snow ·08 | snow ·15 | — | — | ·50 | ·41 | ·52 | ·06 | ·24 | ·23 | — | 6 |
| 7 | — | — | snow ·15 | — | ·03 | ·29 | ·04 | ·33 | — | ·19 | ·11 | ·12 | 7 |
| 8 | — | ·15 | snow ·21 | ·01 | ·06 | ·31 | ·37 | ·06 | ·09 | ·26 | ·09 | ·04 | 8 |
| 9 | ·06 | ·45 | snow ·48 | ·04 | — | ·02 | ·01 | ·19 | — | ·39 | ·29 | — | 9 |
| 10 | ·10 | ·28 | snow ·26 | ·01 | ·23 | ·26 | — | — | — | — | ·12 | ·03 | 10 |
| 11 | ·22 | snow 2·22 | — | ·14 | ·02 | ·03 | ·20 | — | ·09 | — | ·23 | — | 11 |
| 12 | snow ·17 | ·16 | — | ·09 | — | — | ·20 | ·02 | — | ·12 | ·01 | — | 12 |
| 13 | — | — | snow ·45 | ·04 | ·21 | ·08 | ·02 | ·42 | ·01 | — | ·02 | — | 13 |
| 14 | ·09 | ·11 | ·03 | ·02 | ·15 | ·85 | ·35 | ·08 | — | — | ·17 | ·10 | 14 |
| 15 | ·14 | snow ·45 | — | ·25 | ·02 | ·04 | ·02 | ·28 | — | — | ·01 | — | 15 |
| 16 | ·50 | snow ·38 | — | ·57 | ·03 | ·03 | ·07 | ·73 | ·04 | — | — | — | 16 |
| 17 | — | snow ·23 | — | ·70 | — | ·14 | ·15 | ·23 | — | — | ·34 | — | 17 |
| 18 | ·24 | ·02 | — | ·44 | — | ·40 | ·22 | ·13 | ·03 | — | ·29 | — | 18 |
| 19 | ·04 | ·15 | ·01 | — | — | — | ·07 | ·60 | ·03 | ·12 | — | — | 19 |
| 20 | — | ·13 | — | ·03 | — | — | — | ·18 | — | — | ·11 | ·04 | 20 |
| 21 | ·15 | — | — | ·08 | ·02 | ·20 | — | ·10 | — | — | ·07 | — | 21 |
| 22 | ·57 | ·23 | — | ·34 | ·01 | ·12 | ·32 | ·04 | — | — | ·06 | — | 22 |
| 23 | ·72 | — | — | ·28 | ·30 | ·30 | ·03 | — | ·04 | ·22 | ·57 | ·16 | 23 |
| 24 | ·14 | ·18 | — | ·44 | ·50 | — | — | — | ·02 | — | ·03 | ·10 | 24 |
| 25 | ·07 | ·21 | — | ·25 | ·16 | — | — | — | — | — | ·15 | — | 25 |
| 26 | ·04 | ·38 | — | ·20 | — | — | ·07 | — | — | — | ·48 | — | 26 |
| 27 | ·05 | ·04 | ·01 | ·18 | — | — | ·25 | — | — | ·40 | ·04 | ·22 | 27 |
| 28 | snow ·35 | ·02 | — | ·22 | ·43 | ·01 | ·17 | — | — | — | ·07 | ·01 | 28 |
| 29 | snow ·47 | × | ·01 | — | ·10 | ·02 | ·52 | — | — | ·54 | — | ·30 | 29 |
| 30 | snow ·10 | × | ·01 | ·02 | ·70 | — | — | — | ·01 | — | — | — | 30 |
| 31 | snow 1·00 | × | — | × | ·12 | × | — | — | × | — | × | ·03 | 31 |
| TOTAL | 5·22 | 6·10 | 1·98 | 5·68 | 3·27 | 5·74 | 3·78 | 3·94 | 3·05 | 2·71 | 6·20 | 3·52 | YEAR'S TOTAL 51·19 |
| *Days with ·01 in. or more. | 20 | 23 | 13 | 25 | 19 | 22 | 22 | 16 | 15 | 12 | 24 | 15 | 226 |
| *Days with ·04 in. or more. | 20 | 18 | 7 | 20 | 12 | 16 | 17 | 14 | 10 | 11 | 20 | 12 | 177 |

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(Signed) H Robinson [P.T.O.

Engineer

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. **Station No.** 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Burnhope

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level 1160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·23 | — | — | snow ·12 | ·07 | — | ·02 | ·01 | ·62 | ·26 | ·25 | ·65 | 1 |
| 2 | 1·64 | — | — | ·02 | ·27 | ·05 | ·17 | ·01 | ·48 | ·26 | ·11 | ·43 | 2 |
| 3 | ·53 | — | — | ·09 | — | ·01 | ·04 | ·01 | ·30 | ·05 | ·11 | ·66 | 3 |
| 4 | ·17 | — | ·05 | ·05 | ·07 | ·01 | ·34 | ·09 | ·01 | ·01 | — | ·10 | 4 |
| 5 | ·94 | — | snow ·49 | ·32 | ·10 | — | — | ·01 | ·11 | — | — | — | 5 |
| 6 | ·22 | — | snow ·09 | snow ·42 | ·06 | — | — | — | ·01 | ·36 | — | ·05 | 6 |
| 7 | ·03 | — | ·66 | snow ·30 | snow ·19 | ·05 | ·11 | — | ·16 | ·62 | — | — | 7 |
| 8 | ·19 | ·10 | snow ·01 | ·22 | ·04 | — | — | — | ·26 | ·81 | — | — | 8 |
| 9 | ·90 | snow ·13 | — | 1·80 | ·13 | — | — | — | ·39 | ·24 | — | ·15 | 9 |
| 10 | ·26 | snow ·21 | snow ·02 | ·36 | — | — | — | — | ·48 | ·87 | — | ·09 | 10 |
| 11 | ·04 | snow ·15 | snow ·05 | snow ·02 | ·33 | ·33 | ·41 | — | ·15 | ·04 | ·04 | — | 11 |
| 12 | ·65 | — | — | ·01 | ·35 | ·02 | ·01 | ·03 | ·01 | ·44 | ·08 | — | 12 |
| 13 | ·15 | ·12 | ·02 | snow ·29 | ·08 | — | — | — | ·53 | ·05 | ·01 | ·12 | 13 |
| 14 | ·65 | — | — | ·08 | — | — | ·09 | ·06 | — | ·09 | ·06 | ·19 | 14 |
| 15 | ·57 | — | — | ·03 | ·17 | — | — | — | — | ·03 | ·21 | ·17 | 15 |
| 16 | 1·42 | — | — | — | — | — | ·02 | — | — | ·20 | ·01 | 1·42 | 16 |
| 17 | ·05 | — | — | ·02 | ·03 | — | ·20 | — | — | ·85 | — | ·14 | 17 |
| 18 | ·01 | — | — | — | ·14 | — | — | — | ·06 | — | — | ·12 | 18 |
| 19 | — | ·02 | ·04 | ·28 | ·11 | — | ·01 | — | ·01 | ·11 | — | — | 19 |
| 20 | ·01 | — | ·05 | ·15 | ·14 | — | — | ·45 | — | ·21 | ·01 | ·04 | 20 |
| 21 | ·01 | — | ·32 | — | ·07 | — | ·06 | ·44 | — | 1·22 | ·56 | ·25 | 21 |
| 22 | — | — | ·32 | ·40 | ·03 | — | ·18 | — | — | ·06 | ·71 | ·10 | 22 |
| 23 | — | ·14 | ·01 | ·25 | — | — | ·16 | — | ·16 | ·07 | snow ·11 | ·10 | 23 |
| 24 | — | ·09 | — | — | ·04 | — | ·18 | — | ·19 | — | ·08 | — | 24 |
| 25 | — | ·08 | — | snow ·09 | ·22 | ·05 | ·03 | ·02 | ·09 | snow ·23 | ·41 | — | 25 |
| 26 | — | ·02 | ·20 | — | ·06 | ·01 | ·48 | — | ·34 | ·47 | ·56 | — | 26 |
| 27 | — | — | ·36 | ·26 | ·03 | ·83 | ·60 | — | — | snow ·17 | ·25 | ·04 | 27 |
| 28 | — | — | ·03 | ·26 | ·53 | ·11 | ·07 | — | — | ·09 | ·01 | ·03 | 28 |
| 29 | ·03 | — | 1·00 | ·02 | ·05 | ·03 | ·67 | ·29 | ·06 | snow ·44 | ·29 | ·31 | 29 |
| 30 | — | × | ·14 | ·02 | — | 1·31 | ·23 | ·07 | ·78 | ·23 | ·11 | ·03 | 30 |
| 31 | ·01 | × | snow ·06 | × | — | × | ·24 | — | × | — | × | ·09 | 31 |
| TOTAL | 8·71 | 1·06 | 3·92 | 5·88 | 3·31 | 2·81 | 4·32 | 1·49 | 5·20 | 8·48 | 3·98 | 5·28 | YEAR'S TOTAL<br>54·44 |
| *Days with ·01 in. or more. | 22 | 10 | 19 | 25 | 24 | 12 | 22 | 12 | 21 | 27 | 20 | 22 | 236 |
| *Days with ·04 in. or more. | 16 | 8 | 14 | 18 | 21 | 7 | 17 | 6 | 17 | 25 | 16 | 20 | 185 |

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*See Instruction 2 (*f*) on other side.

(Signed) H. Robinson
Engineer.

P.T.O.

## COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3536/

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Burnhope

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level 1160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·28 | ·27 | snow ·11 | – | ·01 | – | – | ·01 | – | – | ·21 | ·02 | | 1 |
| 2 | ·82 | ·03 | ·10 | ·17 | – | ·03 | – | ·01 | – | ·01 | ·31 | ·04 | | 2 |
| 3 | ·30 | ·25 | ·09 | ·14 | ·12 | – | – | – | – | – | ·30 | – | | 3 |
| 4 | ·66 | ·71 | ·30 | – | ·15 | – | – | – | – | – | – | – | | 4 |
| 5 | snow ·34 | ·77 | ·29 | – | ·19 | – | – | – | – | – | ·01 | – | | 5 |
| 6 | ·01 | ·05 | ·13 | – | ·62 | – | – | – | – | – | ·02 | ·13 | | 6 |
| 7 | ·19 | ·09 | ·04 | – | ·08 | – | ·09 | ·02 | – | 1·15 | – | snow ·06 | | 7 |
| 8 | ·07 | ·03 | ·10 | ·15 | ·01 | ·01 | ·04 | – | – | ·05 | – | ·20 | | 8 |
| 9 | – | snow ·88 | – | ·05 | ·05 | ·18 | ·21 | – | – | ·66 | ·17 | ·03 | | 9 |
| 10 | ·14 | – | – | – | ·26 | ·15 | ·02 | – | – | ·18 | ·01 | ·04 | | 10 |
| 11 | – | – | – | ·05 | ·21 | ·02 | ·26 | – | – | ·47 | – | snow ·03 | | 11 |
| 12 | ·01 | ·02 | – | – | – | ·18 | ·12 | – | – | – | – | snow ·07 | | 12 |
| 13 | ·11 | – | ·03 | – | ·08 | – | ·42 | ·17 | ·03 | ·40 | ·18 | – | | 13 |
| 14 | ·18 | – | ·20 | – | ·08 | – | ·12 | – | – | ·01 | ·58 | ·11 | | 14 |
| 15 | snow ·03 | – | ·19 | ·40 | – | ·02 | ·44 | ·12 | – | ·43 | ·46 | ·07 | | 15 |
| 16 | snow ·13 | ·02 | ·32 | ·25 | ·23 | ·14 | ·21 | ·03 | – | ·09 | ·51 | ·04 | | 16 |
| 17 | snow ·14 | snow ·04 | ·10 | ·05 | ·03 | ·91 | ·01 | ·08 | ·11 | – | ·73 | – | | 17 |
| 18 | – | snow ·18 | ·14 | snow ·04 | – | ·42 | ·01 | ·03 | – | – | ·38 | ·02 | | 18 |
| 19 | – | snow ·17 | snow ·38 | snow ·03 | – | ·13 | ·29 | ·01 | ·17 | – | ·07 | – | | 19 |
| 20 | – | ·05 | – | ·02 | ·21 | ·06 | – | ·09 | ·23 | ·06 | ·02 | – | | 20 |
| 21 | – | – | – | – | ·04 | – | ·01 | ·15 | ·25 | ·05 | ·04 | ·01 | | 21 |
| 22 | – | – | – | – | – | ·11 | – | ·04 | – | ·26 | – | – | | 22 |
| 23 | – | snow ·08 | – | ·01 | ·06 | ·22 | – | ·05 | ·12 | ·04 | ·05 | – | | 23 |
| 24 | – | snow ·90 | – | ·26 | ·15 | ·17 | ·02 | – | ·34 | ·14 | ·10 | – | | 24 |
| 25 | – | snow ·72 | – | ·11 | ·01 | – | ·01 | – | ·61 | ·02 | ·01 | ·03 | | 25 |
| 26 | – | snow 1·24 | – | ·17 | ·02 | – | – | – | ·06 | ·15 | ·01 | ·03 | | 26 |
| 27 | – | ·10 | – | ·04 | ·01 | – | ·52 | – | ·01 | ·12 | ·04 | snow ·02 | | 27 |
| 28 | – | ·02 | – | ·06 | ·01 | – | ·07 | ·75 | ·01 | 1·06 | ·01 | snow ·17 | | 28 |
| 29 | – | X | ·04 | ·15 | – | – | ·20 | ·01 | – | ·34 | – | ·02 | | 29 |
| 30 | ·01 | X | ·02 | ·21 | – | – | ·35 | – | ·05 | ·17 | – | ·18 | | 30 |
| 31 | 1·68 | X | ·03 | X | – | X | ·09 | ·18 | X | ·03 | X | – | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 5·10 | 6·62 | 2·61 | 2·36 | 2·63 | 2·75 | 3·51 | 1·75 | 1·99 | 5·89 | 4·22 | 1·32 | 40·75 | |
| *Days with ·01 in. or more. | 17 | 21 | 18 | 19 | 22 | 15 | 21 | 16 | 12 | 22 | 22 | 20 | 225 | |
| *Days with ·04 in. or more. | 13 | 16 | 15 | 16 | 15 | 11 | 15 | 9 | 9 | 18 | 15 | 11 | 163 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Henry Robinson [P.T.O.

Engineer.

### COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.** **Station No.** 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Burnhope

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ft in.

,, Ground ,, Sea Level 1160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | — | ·05 | ·02 | — | — | — | ·26 | — | — | — | ·06 | | 1 |
| 2 | — | ·01 | snow ·15 | ·01 | — | — | — | ·31 | ·48 | — | snow ·26 | ·28 | | 2 |
| 3 | ·09 | ·04 | ·04 | — | — | — | — | — | — | ·24 | ·04 | ·16 | | 3 |
| 4 | ·34 | — | ·14 | ·20 | ·02 | — | — | — | ·02 | ·66 | ·09 | ·96 | | 4 |
| 5 | ·06 | — | snow ·46 | ·10 | ·35 | — | — | ·15 | — | ·19 | snow ·20 | ·16 | | 5 |
| 6 | ·19 | — | snow ·07 | snow ·12 | 1·19 | ·06 | — | ·42 | ·05 | ·41 | ·01 | ·05 | | 6 |
| 7 | ·59 | ·17 | ·08 | ·34 | ·03 | ·61 | — | — | ·01 | ·25 | — | ·26 | | 7 |
| 8 | — | ·01 | ·01 | — | ·03 | ·30 | — | ·03 | ·07 | ·35 | — | ·22 | | 8 |
| 9 | — | ·02 | ·18 | snow ·42 | — | — | — | ·22 | — | ·09 | ·97 | ·11 | | 9 |
| 10 | ·14 | — | snow ·19 | ·17 | — | — | — | ·38 | ·01 | ·06 | ·88 | ·01 | | 10 |
| 11 | ·54 | — | ·75 | 1·38 | — | — | — | ·04 | — | ·01 | ·12 | ·17 | | 11 |
| 12 | ·17 | — | snow ·92 | ·27 | — | — | ·31 | ·25 | — | ·11 | ·03 | ·16 | | 12 |
| 13 | ·46 | — | snow ·28 | ·17 | ·13 | — | 2·03 | ·04 | — | ·08 | ·02 | — | | 13 |
| 14 | ·58 | — | snow ·29 | — | snow ·08 | ·03 | ·03 | — | ·01 | ·33 | ·02 | ·20 | | 14 |
| 15 | ·39 | ·02 | ·19 | ·05 | ·97 | — | ·02 | ·03 | ·08 | snow ·43 | ·16 | ·26 | | 15 |
| 16 | ·87 | — | ·80 | — | ·26 | — | — | — | — | ·02 | ·06 | — | | 16 |
| 17 | ·22 | — | snow ·06 | — | snow ·33 | — | ·72 | — | ·27 | ·01 | ·04 | ·61 | | 17 |
| 18 | snow ·63 | ·01 | ·25 | ·11 | snow ·35 | ·08 | ·02 | — | ·02 | ·01 | — | ·24 | | 18 |
| 19 | — | ·01 | ·16 | ·11 | ·43 | ·14 | ·01 | ·09 | ·10 | ·12 | — | ·01 | | 19 |
| 20 | — | — | ·01 | ·11 | ·35 | ·11 | — | ·48 | ·07 | ·02 | — | — | | 20 |
| 21 | ·03 | — | — | ·02 | ·02 | ·38 | — | ·18 | ·20 | ·21 | ·01 | — | | 21 |
| 22 | ·01 | — | ·01 | ·03 | ·02 | ·09 | — | ·34 | ·52 | ·38 | ·05 | ·04 | | 22 |
| 23 | — | — | ·05 | snow ·38 | — | — | ·55 | ·02 | — | ·36 | ·07 | ·13 | | 23 |
| 24 | — | ·04 | — | ·05 | ·06 | ·11 | ·01 | — | ·12 | ·82 | — | ·02 | | 24 |
| 25 | snow ·11 | snow ·05 | ·05 | ·20 | ·02 | ·01 | ·16 | — | ·22 | ·99 | ·06 | ·59 | | 25 |
| 26 | ·30 | — | ·04 | 1·35 | — | ·15 | ·22 | — | ·16 | 1·26 | ·01 | ·12 | | 26 |
| 27 | — | snow ·12 | — | 1·03 | — | ·20 | ·06 | — | ·03 | ·54 | ·01 | ·59 | | 27 |
| 28 | — | — | ·01 | ·37 | — | ·43 | ·11 | ·29 | ·01 | ·17 | — | ·73 | | 28 |
| 29 | — | X | snow ·08 | ·01 | — | — | ·03 | ·15 | ·27 | ·49 | — | ·08 | | 29 |
| 30 | ·30 | X | ·01 | — | — | — | ·01 | ·03 | ·67 | snow ·53 | — | ·53 | | 30 |
| 31 | ·04 | X | — | X | — | X | — | ·03 | X | — | X | ·05 | | 31 |
| TOTAL | 6·14 | ·50 | 5·33 | 7·02 | 4·64 | 2·70 | 4·29 | 3·74 | 3·39 | 9·14 | 3·11 | 6·80 | Year's Total. 56·80 | |
| * Days with .01 in. or more. | 21 | 11 | 27 | 24 | 17 | 14 | 15 | 20 | 21 | 28 | 20 | 27 | 245 | |
| * Days with .04 in. or more. | 19 | 5 | 22 | 19 | 11 | 12 | 8 | 15 | 14 | 23 | 13 | 24 | 185 | |

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Henry Robinson Engineer.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Burnhope

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·60 | ·32 | ·24 | — | — | — | ·30 | — | ·37 | ·08 | ·15 | snow<br>·48 | | 1 |
| 2 | — | ·04 | ·03 | snow<br>·03 | — | ·07 | — | — | ·46 | ·53 | ·02 | ·01 | | 2 |
| 3 | ·09 | ·51 | ·15 | snow<br>·31 | — | ·05 | ·23 | — | ·07 | — | ·54 | snow<br>·20 | | 3 |
| 4 | — | ·04 | ·09 | snow<br>·01 | — | ·19 | ·68 | — | ·02 | ·32 | ·01 | snow<br>·03 | | 4 |
| 5 | snow<br>·05 | snow<br>·90 | ·06 | snow<br>·01 | — | ·50 | ·07 | — | ·08 | ·13 | ·05 | ·01 | | 5 |
| 6 | snow<br>·13 | — | — | — | — | ·20 | — | — | — | ·16 | ·01 | — | | 6 |
| 7 | snow<br>·12 | — | — | ·31 | — | ·61 | — | — | — | ·13 | ·21 | ·22 | | 7 |
| 8 | — | ·01 | — | ·38 | — | ·38 | — | ·04 | — | ·23 | ·11 | ·23 | | 8 |
| 9 | ·01 | — | — | 1·03 | ·01 | ·06 | — | — | — | ·33 | ·21 | ·05 | | 9 |
| 10 | ·06 | ·12 | ·02 | ·96 | — | ·09 | ·01 | — | — | ·37 | ·43 | — | | 10 |
| 11 | snow<br>·81 | ·23 | — | ·20 | — | ·23 | — | ·18 | — | ·15 | ·35 | ·05 | | 11 |
| 12 | — | ·23 | — | — | — | ·04 | — | — | ·02 | ·01 | — | — | | 12 |
| 13 | ·11 | ·31 | — | ·07 | snow<br>·68 | ·03 | — | — | ·19 | ·05 | ·06 | — | | 13 |
| 14 | — | ·01 | ·07 | — | ·01 | ·03 | — | — | ·23 | — | ·58 | snow<br>·07 | | 14 |
| 15 | ·01 | 1·35 | — | ·25 | snow<br>·16 | — | — | — | ·55 | ·36 | ·06 | snow<br>·33 | | 15 |
| 16 | — | 1·74 | ·09 | snow<br>·67 | snow<br>·41 | ·33 | ·23 | ·03 | ·87 | — | ·43 | — | | 16 |
| 17 | ·01 | ·06 | — | ·36 | snow<br>·03 | ·19 | ·01 | — | ·51 | ·19 | 1·31 | — | | 17 |
| 18 | ·05 | ·52 | — | ·03 | snow<br>·06 | ·04 | ·01 | — | ·49 | 1·12 | ·15 | snow<br>·01 | | 18 |
| 19 | ·01 | ·40 | — | ·04 | — | ·08 | ·42 | — | ·20 | ·25 | ·12 | — | | 19 |
| 20 | ·03 | ·90 | — | ·52 | — | ·04 | — | — | — | — | ·47 | — | | 20 |
| 21 | — | ·16 | ·10 | ·06 | — | — | — | — | 1·41 | ·14 | ·22 | ·01 | | 21 |
| 22 | — | snow<br>·27 | ·72 | ·12 | — | — | — | — | ·01 | — | ·07 | — | | 22 |
| 23 | ·08 | — | ·15 | ·03 | — | — | — | ·23 | ·01 | ·11 | — | — | | 23 |
| 24 | snow<br>·48 | snow<br>·81 | ·07 | ·02 | — | — | — | — | ·59 | ·03 | — | ·31 | | 24 |
| 25 | snow<br>·21 | snow<br>·04 | ·05 | — | — | ·02 | ·02 | — | — | — | ·44 | ·09 | | 25 |
| 26 | — | — | — | ·02 | — | ·16 | — | ·87 | ·12 | ·29 | ·11 | ·23 | | 26 |
| 27 | snow<br>·05 | snow<br>·25 | — | — | — | ·02 | ·33 | — | ·25 | 1·22 | ·36 | ·07 | | 27 |
| 28 | ·03 | — | — | — | — | — | — | — | ·20 | ·49 | ·32 | — | | 28 |
| 29 | — | ✕ | ·14 | — | — | ·01 | — | ·07 | ·12 | ·77 | ·17 | ·35 | | 29 |
| 30 | ·01 | ✕ | — | — | — | ·14 | — | ·22 | ·67 | 2·03 | ·93 | ·03 | | 30 |
| 31 | ·24 | ✕ | ·02 | ✕ | — | ✕ | — | — | ✕ | ·16 | ✕ | ·49 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 3·19 | 9·22 | 2·00 | 5·43 | 1·36 | 3·51 | 2·31 | 1·64 | 7·44 | 9·65 | 7·89 | 3·27 | 56·91 | |
| * Days with .01 in. or more. | 21 | 22 | 15 | 21 | 7 | 23 | 11 | 7 | 22 | 25 | 27 | 20 | 221 | |
| * Days with .04 in. or more. | 14 | 20 | 12 | 14 | 4 | 18 | 7 | 6 | 18 | 23 | 24 | 14 | 174 | |

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) H Robinson

Engineer.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

3

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Burnhope Bridge
*in the County of* Durham
Diameter of Funnel of Gauge 8" in.
Height of top of Gauge above Ground ......ft......in.
,, Ground ,, Sea Level 1160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | ·12 | ·20 | snow 1·65 | — | — | — | ·21 | ·37 | ·25 | — | ·10 | — | | 1 |
| 2 | — | snow ·01 | snow ·02 | — | — | ·38 | ·03 | ·04 | ·03 | — | — | ·07 | | 2 |
| 3 | ·02 | — | — | — | — | 2·01 | ·06 | ·33 | ·27 | — | — | ·30 | | 3 |
| 4 | ·59 | ·01 | ·31 | — | ·01 | ·14 | ·03 | ·23 | ·12 | — | ·26 | snow ·71 | | 4 |
| 5 | ·17 | — | ·10 | — | ·04 | — | — | ·33 | ·21 | ·01 | ·27 | ·87 | | 5 |
| 6 | ·20 | — | ·12 | — | ·01 | — | ·04 | ·41 | ·41 | — | ·15 | — | | 6 |
| 7 | ·03 | — | ·06 | — | ·01 | — | ·08 | — | ·40 | — | ·69 | ·16 | | 7 |
| 8 | ·52 | — | ·35 | — | — | — | — | — | — | — | ·32 | — | | 8 |
| 9 | 2·36 | ·01 | ·21 | — | — | ·02 | ·59 | — | ·24 | ·13 | ·46 | — | | 9 |
| 10 | 1·05 | — | — | snow ·04 | — | — | ·08 | — | ·01 | ·01 | ·43 | — | | 10 |
| 11 | — | — | — | snow ·26 | — | ·10 | ·29 | ·16 | ·05 | — | ·79 | — | | 11 |
| 12 | ·04 | — | — | snow ·58 | ·03 | ·07 | ·09 | ·03 | 1·04 | — | ·48 | ·08 | | 12 |
| 13 | — | — | — | snow ·24 | ·02 | — | ·07 | — | — | ·07 | ·07 | 2·05 | | 13 |
| 14 | ·01 | — | — | snow ·27 | — | ·30 | ·04 | ·04 | ·38 | ·08 | ·33 | ·76 | | 14 |
| 15 | snow ·05 | — | — | snow ·24 | ·10 | ·02 | ·04 | ·21 | ·03 | ·09 | ·74 | ·64 | | 15 |
| 16 | — | ·01 | ·01 | snow ·07 | — | ·08 | ·01 | — | — | ·14 | ·58 | ·05 | | 16 |
| 17 | snow ·03 | ·66 | — | snow ·10 | ·14 | — | ·27 | ·03 | — | ·48 | ·54 | ·48 | | 17 |
| 18 | — | ·24 | ·01 | snow ·15 | — | — | ·12 | ·15 | — | ·42 | ·05 | ·20 | | 18 |
| 19 | snow ·75 | ·25 | — | — | — | — | ·08 | ·05 | — | ·07 | — | ·33 | | 19 |
| 20 | snow ·25 | snow ·30 | ·02 | — | — | — | ·08 | — | — | ·02 | ·01 | ·07 | | 20 |
| 21 | snow ·35 | ·02 | ·12 | snow ·07 | — | ·06 | — | — | — | ·05 | — | ·14 | | 21 |
| 22 | snow ·32 | snow ·54 | ·02 | — | ·06 | ·27 | ·21 | — | — | — | — | — | | 22 |
| 23 | — | ·08 | ·10 | ·07 | ·34 | — | ·88 | — | — | ·02 | — | — | | 23 |
| 24 | ·08 | snow ·20 | ·01 | ·06 | ·95 | — | ·58 | — | ·55 | 2·95 | — | — | | 24 |
| 25 | ·35 | — | ·04 | ·08 | — | — | ·15 | — | ·41 | ·59 | — | — | | 25 |
| 26 | ·29 | ·13 | ·31 | ·03 | — | — | — | — | ·30 | ·63 | — | — | | 26 |
| 27 | ·29 | — | ·14 | — | — | — | ·08 | — | ·25 | snow ·36 | ·04 | — | | 27 |
| 28 | ·23 | ·20 | ·30 | — | — | — | ·59 | — | — | — | — | — | | 28 |
| 29 | ·25 | snow 1·49 | ·38 | — | ·64 | ·86 | ·02 | — | — | ·14 | ·05 | ·03 | | 29 |
| 30 | ·03 | ✕ | ·15 | — | ·11 | ·02 | ·11 | — | — | ·24 | ·11 | ·19 | | 30 |
| 31 | ·01 | ✕ | ·07 | ✕ | ·01 | ✕ | ·02 | — | ✕ | — | ✕ | ·79 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 8·39 | 4·35 | 4·50 | 2·26 | 2·47 | 4·33 | 4·85 | 2·38 | 4·95 | 6·50 | 6·47 | 7·90 | 59·35 | |
| * Days with .01 in. or more. | 25 | 16 | 22 | 14 | 14 | 13 | 27 | 13 | 17 | 19 | 20 | 18 | 218 | |
| * Days with .04 in. or more. | 19 | 11 | 16 | 13 | 8 | 10 | 22 | 11 | 14 | 15 | 19 | 17 | 175 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) R. Robinson
Engineer

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Burnhope Bridge

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground .........ft.........in.

,, Ground ,, Sea Level 1160 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following ✓

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·24 | ·06 | snow ·91 | — | — | ·15 | ·04 | — | ·28 | ·11 | — | ·32 | | 1 |
| 2 | ·32 | ·33 | snow ·10 | ·43 | — | ·06 | ·01 | — | ·01 | ·01 | — | ·16 | | 2 |
| 3 | ·05 | ·46 | snow ·67 | ·05 | — | ·18 | ·05 | ·01 | — | — | — | snow ·33 | | 3 |
| 4 | ·68 | ·13 | snow ·29 | ·14 | — | ·02 | ·02 | ·16 | ·15 | — | — | snow ·28 | | 4 |
| 5 | ·91 | — | snow ·02 | ·17 | ·24 | ·01 | ·07 | — | ·64 | — | — | snow ·42 | | 5 |
| 6 | ·14 | — | snow ·13 | ·09 | ·23 | ·03 | — | — | ·21 | ·02 | ·09 | snow ·14 | | 6 |
| 7 | ·06 | ·34 | snow ·19 | ·17 | ·34 | ·05 | ·03 | — | ·28 | — | ·06 | snow ·57 | | 7 |
| 8 | — | ·53 | snow ·03 | ·08 | ·17 | ·05 | ·10 | ·04 | — | — | ·05 | snow ·13 | | 8 |
| 9 | — | ·07 | snow ·03 | ·18 | ·16 | — | ·24 | ·06 | — | ·03 | — | snow ·05 | | 9 |
| 10 | ·02 | ·22 | snow ·04 | ·01 | — | — | ·12 | — | — | — | ·15 | snow ·59 | | 10 |
| 11 | ·01 | — | snow ·03 | ·04 | ·08 | — | — | — | — | — | — | snow ·70 | | 11 |
| 12 | ·78 | ·18 | — | ·06 | ·17 | ·09 | — | 1·40 | ·05 | — | — | snow ·55 | | 12 |
| 13 | — | ·09 | snow ·30 | ·05 | ·04 | ·12 | — | ·01 | ·02 | ·02 | — | snow ·16 | | 13 |
| 14 | — | ·02 | snow ·54 | ·01 | — | — | — | ·37 | ·01 | — | ·01 | snow ·62 | | 14 |
| 15 | ·19 | ·73 | — | ·18 | ·01 | — | ·49 | ·15 | ·20 | — | — | snow ·24 | | 15 |
| 16 | ·03 | ·45 | — | ·41 | — | ·21 | — | ·15 | — | — | ·02 | snow ·21 | | 16 |
| 17 | ·25 | ·07 | — | ·06 | — | ·05 | — | ·01 | 1·60 | — | — | snow ·07 | | 17 |
| 18 | — | ·12 | snow ·28 | ·01 | — | ·15 | ·01 | ·32 | ·09 | — | ·26 | — | | 18 |
| 19 | — | ·32 | ·09 | ·18 | — | ·07 | — | ·01 | ·31 | — | snow ·39 | — | | 19 |
| 20 | ·65 | — | ·10 | ·08 | ·32 | ·12 | ·03 | — | ·06 | — | ·03 | snow ·04 | | 20 |
| 21 | ·25 | ·07 | — | ·13 | — | — | ·45 | — | — | ·04 | ·02 | ·08 | | 21 |
| 22 | ·23 | — | snow ·07 | ·04 | ·90 | — | ·06 | — | — | ·05 | ·11 | ·11 | | 22 |
| 23 | ·29 | — | snow ·03 | ·03 | ·11 | — | ·20 | — | — | ·92 | ·08 | ·02 | | 23 |
| 24 | ·43 | ·06 | snow ·36 | — | ·14 | — | ·08 | — | ·05 | ·21 | — | ·08 | | 24 |
| 25 | snow ·09 | snow ·47 | — | — | ·08 | — | — | ·09 | — | ·29 | — | — | | 25 |
| 26 | snow ·02 | ·37 | snow ·09 | — | ·18 | — | — | — | — | ·01 | ·02 | — | | 26 |
| 27 | snow ·01 | snow ·94 | ·01 | ·14 | ·12 | — | ·01 | — | ·02 | ·98 | — | ·04 | | 27 |
| 28 | snow ·09 | snow ·10 | snow ·04 | — | ·60 | ·08 | — | — | — | ·13 | — | ·03 | | 28 |
| 29 | ·10 | X | snow ·01 | — | — | ·04 | — | ·36 | — | ·13 | — | ·07 | | 29 |
| 30 | snow ·38 | ✕ | ·03 | — | — | ·06 | — | — | — | ·04 | ·11 | ·07 | | 30 |
| 31 | snow ·49 | ✕ | — | ✕ | — | ✕ | — | ·24 | ✕ | ·15 | ✕ | snow ·03 | | 31 |
| TOTAL | 6·70 | 6·13 | 4·41 | 2·74 | 3·89 | 1·54 | 2·01 | 3·38 | 3·98 | 3·14 | 1·40 | 6·11 | Year's Total 45·43 | ✓ |
| * Days with .01 in. or more. | 25 | 22 | 24 | 23 | 17 | 18 | 17 | 15 | 16 | 16 | 14 | 27 | 234 | ✓ |
| * Days with .04 in. or more. | 20 | 21 | 16 | 19 | 16 | 15 | 11 | 11 | 12 | 11 | 9 | 24 | 185 | ✓ |

40-9999. † Spare column, no entries required.

* See Instruction 2 (f) on other side. *(Signed)* H. Robinson [P.T.O.

Engineer.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]00

# REGISTER OF RAINFALL IN 1938

Kept at Burnhope Bridge
in the County of Durham
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground ........ft........in.
,, Ground ,, Sea Level 1160 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

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Jan. 1, following

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| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | snow ·14 | ·01 | ·01 | — | 1·54 | — | — | ·06 | — | ·32 | ·42 | | 1 |
| 2 | ·04 | ·12 | — | ·75 | — | ·37 | — | — | ·04 | 1·47 | ·49 | ·15 | | 2 |
| 3 | ·09 | ·15 | — | — | — | ·01 | ·13 | — | ·33 | 2·15 | ·43 | — | | 3 |
| 4 | ·14 | ·08 | — | ·11 | — | — | ·03 | — | — | ·61 | ·10 | ·62 | | 4 |
| 5 | ·04 | ·04 | — | ·01 | — | ·05 | ·08 | ·07 | ·02 | ·58 | ·03 | ·04 | | 5 |
| 6 | ·32 | — | ·03 | ·02 | — | ·20 | ·06 | — | — | ·59 | ·01 | ·09 | | 6 |
| 7 | snow ·10 | — | — | — | — | — | ·82 | ·03 | ·16 | ·61 | ·01 | ·11 | | 7 |
| 8 | ·20 | — | ·03 | — | — | — | ·28 | ·27 | — | 1·12 | ·08 | ·25 | | 8 |
| 9 | snow ·07 | ·67 | ·19 | — | ·15 | ·11 | ·05 | — | — | ·17 | — | 1·18 | | 9 |
| 10 | — | ·04 | ·02 | — | — | ·08 | ·05 | — | — | ·35 | — | ·09 | | 10 |
| 11 | snow ·15 | ·07 | — | — | — | ·01 | ·17 | — | ·01 | ·16 | ·11 | ·10 | | 11 |
| 12 | ·54 | snow ·01 | — | — | ·14 | — | ·02 | — | — | ·76 | 1·25 | ·02 | | 12 |
| 13 | ·17 | snow ·16 | — | — | ·05 | — | ·06 | — | ·27 | ·25 | ·42 | ·40 | | 13 |
| 14 | ·97 | snow ·03 | — | — | ·05 | — | ·01 | ·09 | — | ·01 | — | ·10 | | 14 |
| 15 | ·99 | — | ·11 | — | ·04 | — | ·14 | ·25 | — | ·15 | — | ·63 | | 15 |
| 16 | ·73 | ·03 | ·12 | — | ·24 | — | ·01 | ·41 | ·10 | ·39 | ·11 | ·10 | | 16 |
| 17 | — | — | ·01 | — | ·06 | — | ·01 | ·26 | ·29 | ·47 | — | ·01 | | 17 |
| 18 | ·22 | ·05 | ·19 | — | ·01 | ·10 | — | ·24 | ·02 | ·26 | ·75 | snow ·09 | | 18 |
| 19 | ·02 | — | ·36 | — | ·01 | ·01 | — | ·50 | ·05 | ·11 | ·18 | snow ·49 | | 19 |
| 20 | ·31 | — | ·48 | — | ·01 | — | — | ·21 | ·13 | — | ·01 | snow ·47 | | 20 |
| 21 | — | — | ·04 | ·04 | ·07 | ·02 | — | ·04 | ·09 | — | ·04 | snow ·55 | | 21 |
| 22 | ·01 | ·05 | — | ·07 | ·02 | ·01 | — | — | — | — | ·54 | snow ·23 | | 22 |
| 23 | ·30 | ·01 | — | ·01 | ·11 | ·23 | — | ·01 | ·03 | — | ·99 | snow ·06 | | 23 |
| 24 | ·37 | — | ·06 | ·10 | — | ·10 | ·08 | ·34 | ·09 | ·40 | ·28 | snow ·11 | | 24 |
| 25 | ·33 | ·03 | ·11 | — | ·17 | ·02 | 1·10 | ·01 | — | ·27 | ·22 | snow ·13 | | 25 |
| 26 | ·08 | ·65 | ·13 | ·01 | ·05 | ·41 | — | — | ·01 | snow ·59 | ·06 | ·02 | | 26 |
| 27 | snow ·32 | ·11 | ·01 | ·02 | ·31 | ·99 | ·45 | ·20 | ·03 | ·15 | ·32 | — | | 27 |
| 28 | ·59 | ·13 | ·12 | — | ·87 | 1·22 | ·04 | ·01 | ·04 | — | ·18 | ·11 | | 28 |
| 29 | snow ·17 | X | ·06 | ·08 | ·28 | ·17 | ·39 | — | ·01 | ·02 | ·34 | snow ·24 | | 29 |
| 30 | snow ·21 | × | ·08 | ·04 | ·02 | ·01 | ·24 | — | ·31 | ·05 | snow 1·04 | snow ·11 | | 30 |
| 31 | ·79 | × | ·16 | × | ·32 | × | — | ·23 | × | ·62 | × | snow ·56 | | 31 |
| TOTAL | 8·27 | 2·57 | 2·32 | 1·27 | 2·98 | 5·66 | 4·22 | 3·17 | 2·09 | 12·31 | 8·31 | 7·48 | Year's Total 60·65 | |
| * Days with .01 in. or more. | 27 | 19 | 20 | 13 | 20 | 20 | 21 | 17 | 20 | 25 | 25 | 29 | 256 | |
| * Days with .04 in. or more. | 25 | 14 | 14 | 7 | 15 | 13 | 16 | 13 | 13 | 23 | 21 | 26 | 200 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. A. Rodwell. Engineer. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Fo 1090

# REGISTER OF RAINFALL IN 1939.

Kept at Burnhope Bridge

in the County of Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1160 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | snow ·59 | — | ·27 | — | — | — | ·04 | ·05 | ·05 | ·20 | ·05 | ·55 | | 1 |
| 2 | snow ·08 | — | ·07 | — | — | — | ·25 | ·42 | 1·02 | ·03 | ·07 | ·15 | | 2 |
| 3 | — | — | ·03 | ·24 | — | — | ·03 | ·37 | ·02 | ·01 | ·18 | snow ·45 | | 3 |
| 4 | — | — | ·60 | ·03 | — | — | ·42 | — | — | ·09 | ·12 | snow ·12 | | 4 |
| 5 | — | ·02 | ·40 | — | ·21 | — | ·35 | ·10 | — | ·41 | ·65 | ·22 | | 5 |
| 6 | snow ·20 | ·06 | ·15 | — | — | — | ·55 | — | — | ·01 | ·44 | — | | 6 |
| 7 | ·31 | ·36 | ·53 | — | ·08 | — | ·07 | ·01 | ·01 | ·04 | ·07 | — | | 7 |
| 8 | 1·36 | ·53 | snow ·41 | ·14 | — | — | ·13 | — | — | — | ·56 | ·35 | | 8 |
| 9 | ·78 | ·32 | — | — | — | — | ·54 | ·23 | — | ·87 | ·12 | ·32 | | 9 |
| 10 | snow ·12 | ·03 | — | — | — | ·28 | — | ·32 | ·37 | ·05 | — | ·01 | | 10 |
| 11 | snow ·29 | ·63 | ·32 | — | ·06 | ·23 | — | ·03 | ·09 | ·04 | ·04 | — | | 11 |
| 12 | snow ·01 | snow ·28 | — | ·01 | — | ·03 | — | ·01 | ·02 | ·76 | — | ·03 | | 12 |
| 13 | snow ·08 | — | ·01 | ·20 | ·22 | ·03 | ·07 | — | — | ·98 | ·10 | — | | 13 |
| 14 | 1·13 | — | ·04 | ·10 | ·28 | ·47 | ·24 | — | — | ·35 | ·58 | — | | 14 |
| 15 | ·92 | — | ·04 | ·39 | ·04 | ·62 | ·06 | — | ·02 | ·02 | ·17 | snow ·02 | | 15 |
| 16 | ·76 | snow ·06 | ·37 | ·08 | ·59 | — | — | — | ·01 | — | ·09 | snow ·01 | | 16 |
| 17 | ·41 | ·29 | ·02 | ·64 | ·05 | ·11 | ·04 | — | ·01 | ·06 | ·02 | — | | 17 |
| 18 | ·45 | ·20 | snow ·11 | ·53 | — | ·03 | ·17 | — | ·02 | ·20 | ·65 | — | | 18 |
| 19 | ·23 | — | — | — | ·01 | ·32 | ·01 | — | ·01 | ·01 | — | ·05 | | 19 |
| 20 | ·01 | — | ·03 | — | ·02 | ·08 | ·02 | ·31 | — | — | — | — | | 20 |
| 21 | ·21 | ·51 | snow ·16 | ·23 | — | ·01 | — | ·18 | ·07 | — | — | — | | 21 |
| 22 | ·64 | ·36 | ·10 | ·01 | — | — | ·02 | — | ·02 | ·04 | ·26 | ·01 | | 22 |
| 23 | ·03 | ·33 | snow ·05 | ·19 | — | ·15 | ·01 | — | ·01 | ·03 | ·01 | — | | 23 |
| 24 | snow ·04 | ·23 | snow ·16 | snow ·36 | — | ·08 | ·04 | — | — | — | — | ·01 | | 24 |
| 25 | snow ·27 | ·08 | snow ·10 | snow ·15 | — | ·14 | — | ·10 | — | — | 1·30 | ·09 | | 25 |
| 26 | snow ·13 | snow ·06 | snow ·09 | snow ·04 | — | — | — | ·43 | ·02 | snow ·79 | ·09 | — | | 26 |
| 27 | snow ·11 | ·95 | ·82 | snow ·19 | — | ·26 | ·06 | — | — | ·26 | ·34 | — | | 27 |
| 28 | ·02 | snow ·19 | ·78 | ·11 | — | ·52 | ·38 | ·39 | — | ·12 | ·29 | snow ·04 | | 28 |
| 29 | ·03 | X | ·14 | — | — | — | ·70 | — | — | ·54 | ·18 | — | | 29 |
| 30 | ·01 | ✕ | — | ·01 | — | ·41 | ·12 | ·02 | — | ·18 | 1·04 | snow ·02 | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | 1·01 | ·04 | ✕ | ·19 | ✕ | — | | 31 |
| TOTAL | 9·22 | 5·49 | 5·80 | 3·65 | 1·56 | 3·77 | 5·33 | 3·01 | 1·77 | 6·18 | 7·42 | 2·45 | Year's Total 55·65 | |
| * Days with .01 in. or more. | 27 | 19 | 25 | 19 | 10 | 17 | 24 | 16 | 16 | 25 | 24 | 17 | 239 | |
| * Days with .04 in. or more. | 21 | 17 | 21 | 15 | 8 | 13 | 19 | 12 | 5 | 19 | 22 | 10 | 182 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J.A.Hodwell
ENGINEER

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3536/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Burnhope Bridge

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ....ft.....in.

„ Ground „ Sea Level 1160 ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | — | — | — | ·14 | — | — | — | — | — | — | ·18 | ·21 | | 1 |
| 2 | — | snow ·03 | — | ·16 | — | — | ·07 | — | — | — | ·70 | ·10 | | 2 |
| 3 | snow ·05 | snow ·21 | — | ·22 | — | — | ·11 | — | — | — | — | ·03 | | 3 |
| 4 | — | snow ·14 | — | ·09 | — | — | ·49 | — | — | ·18 | ·06 | snow ·32 | | 4 |
| 5 | — | — | — | ·01 | ·11 | — | ·01 | ·02 | — | ·74 | ·12 | snow ·69 | | 5 |
| 6 | ·03 | snow ·06 | — | — | — | — | — | — | — | ·53 | ·20 | snow ·89 | | 6 |
| 7 | ·10 | snow ·35 | — | ·25 | ·06 | — | — | ·01 | ·19 | ·04 | ·04 | snow ·04 | | 7 |
| 8 | — | — | ·04 | ·05 | — | — | — | ·15 | ·01 | ·55 | ·12 | ·13 | | 8 |
| 9 | — | — | ·10 | ·02 | — | — | ·72 | ·34 | ·08 | 1·36 | ·43 | ·16 | | 9 |
| 10 | — | — | ·08 | — | — | — | ·80 | ·66 | — | ·04 | ·56 | snow ·05 | | 10 |
| 11 | — | snow ·04 | ·52 | — | — | — | ·97 | — | ·01 | — | ·85 | — | | 11 |
| 12 | — | — | ·96 | — | — | ·06 | ·05 | — | ·29 | — | ·01 | — | | 12 |
| 13 | — | snow ·12 | ·07 | — | — | — | ·13 | ·01 | ·12 | — | ·14 | — | | 13 |
| 14 | — | snow ·10 | ·15 | ·65 | — | — | ·17 | ·04 | ·06 | ·04 | — | ·47 | | 14 |
| 15 | snow ·12 | — | ·05 | ·03 | ·11 | — | — | — | — | ·02 | ·13 | ·14 | | 15 |
| 16 | snow ·16 | snow ·01 | — | — | — | ·03 | ·11 | — | 1·04 | ·45 | ·05 | ·11 | | 16 |
| 17 | — | — | ·14 | — | — | — | 1·76 | ·03 | ·57 | ·15 | 1·15 | ·04 | | 17 |
| 18 | — | snow ·04 | ·60 | snow ·17 | — | — | ·27 | ·18 | ·26 | — | ·08 | ·52 | | 18 |
| 19 | snow ·09 | snow ·05 | ·36 | snow ·16 | — | ·01 | ·16 | — | ·95 | ·08 | ·56 | ·08 | | 19 |
| 20 | — | — | ·75 | ·18 | — | — | ·10 | ·42 | ·03 | ·07 | ·52 | — | | 20 |
| 21 | snow ·08 | ·01 | ·47 | ·06 | — | ·38 | ·01 | ·08 | — | ·18 | ·10 | — | | 21 |
| 22 | — | ·19 | ·14 | ·01 | ·16 | ·14 | — | ·05 | ·11 | ·38 | — | — | | 22 |
| 23 | snow ·05 | ·28 | ·14 | ·54 | — | — | ·04 | ·02 | ·05 | ·28 | ·21 | ·04 | | 23 |
| 24 | snow ·39 | ·04 | — | ·07 | — | — | ·04 | — | — | ·13 | — | ·10 | | 24 |
| 25 | snow ·03 | — | — | — | ·05 | ·06 | — | — | ·01 | ·01 | ·01 | ·03 | | 25 |
| 26 | snow ·40 | ·11 | ·06 | — | 1·31 | ·02 | — | ·25 | — | ·01 | ·13 | — | | 26 |
| 27 | snow ·47 | ·10 | ·01 | — | — | — | ·04 | — | — | ·04 | — | ·01 | | 27 |
| 1·65 28 | snow ·39 | ·34 | — | ·04 | ·01 | — | — | ·04 | ·02 | — | — | ·15 | | 28 |
| 29 | snow ·15 | — | snow ·30 | ·02 | ·13 | ·05 | ·04 | — | — | ·08 | — | ·38 | | 29 |
| 30 | snow ·08 | ✕ | ·02 | ·01 | — | — | — | — | — | ·90 | — | ·54 | | 30 |
| 31 | snow ·13 | ✕ | ·32 | ✕ | ·01 | ✕ | — | ·04 | ✕ | ·26 | ✕ | snow ·22 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·72 | 2·21 | 5·28 | 2·87 | 1·95 | ·75 | 6·09 | 2·34 | 3·80 | 6·52 | 6·35 | 5·45 | 46·33 | |
| * Days with .01 in. or more. | 16 | 18 | 20 | 20 | 9 | 8 | 20 | 16 | 16 | 23 | 22 | 24 | 212 | |
| * Days with .04 in. or more. | 14 | 15 | 18 | 14 | 7 | 5 | 18 | 14 | 11 | 20 | 20 | 21 | 174 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ..................

[P.T.O.

3537

FORM 1090. **B** Month
Summ

3537

COWSHILL, WELLHEAD HUSH

1931—40

280701

*⁎* The following register of monthly to
&c., is NOT required if daily or w
values are given on the other side.

also the space for

should be sent:—
oard,
uckland.

## RAINFALL IN 1931.

At Wellheads Hus
In the County of Durham

Rain Gauge
Diameter of Funnel
*Height of Top above Ground* ft
*Height of Ground above Sea Level* 169

ummer
Direction from gauge
Direction from gauge

gauge ..

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number Days w | |
|---|---|---|---|---|---|
| | Inches. | Inches. | Date. | ·01 in or more * | ·0 or |
| (5·75) Jan. | (~~3~~5·75) | Read Monthly | | | |
| (5·55) Feb. | (~~8~~5·55) | | | | |
| (2·05) Mar. | (~~1~~2·05) | | | | |
| April | 3·95 | | | | |
| May | 3·25 | | | | |
| June | 6·10 | | | | |
| July | 5·20 | | | | |
| Aug. | 4·35 | | | | |
| Sept. | 2·75 | | | | |
| Oct. | 3·25 | | | | |
| Nov. | 7·40 | | | | |
| Dec. | 4·30 | | | | |
| (53·90) Total | (53·90) ~~48·90~~ | | | | |

*Signature* H. Robinson.
Engineer

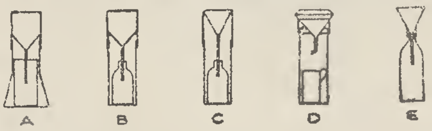
*See Instruction 2 (*f*) below.

**If gauge has been moved during the year state—**

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Observer agrees to amendment

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3537

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

## RAINFALL IN 1931.

At Wellheads Hush

In the County of Durham

Rain Gauge
- Diameter of Funnel ........ in.
- *Height of Top above Ground* ........ *ft* ........ *in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches. | Inches. | Date. | * | * |
| (5·75) JAN. | (5·75) | Read Monthly | | | |
| (5·55) FEB. | (5·55) | | | | |
| (2·05) MAR. | (2·05) | | | | |
| APRIL | 3·95 | | | | |
| MAY | 3·25 | | | | |
| JUNE | 6·10 | | | | |
| JULY | 5·20 | | | | |
| AUG. | 4·35 | | | | |
| SEPT. | 2·75 | | | | |
| OCT. | 3·25 | | | | |
| NOV. | 7·40 | | | | |
| DEC. | 4·30 | | | | |
| (53·90) Total | (53·90) ~~48·90~~ | | | | |

*Signature* H. Robinson.
Engineer

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

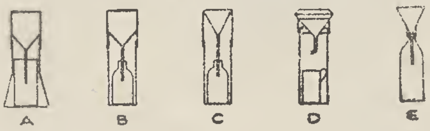
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Observer agrees to amendment

## **D** INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Monthly Summary.

3537

*.* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1932

At Wellheads Hush.

In the County of Durham

Rain Gauge
Diameter of Funnel..........in.
*Height of Top above Ground* ..........*ft* ..........*in.*
*Height of Ground above Sea Level* 1690 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 11·50 | | | | |
| FEB. | ·95 | | | | |
| MAR. | 5·20 | | | | |
| APRIL | 6·10 | | | | |
| MAY | 3·10 | | | | |
| JUNE | 3·25 | Read Monthly | | | |
| JULY | 4·75 | | | | |
| AUG. | 4·10 | | | | |
| SEPT. | 6·20 | | | | |
| OCT. | 9·40 | | | | |
| NOV. | 4·75 | | | | |
| DEC. | 5·80 | | | | |
| Total | 65·10 | | | | |

*Signature* H. Robinson
Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge ..........

Nearest Parish Church at.......... Distance.......... Direction from gauge ..........

| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

**If you know of any record of rainfall** not quoted in **British Rainfall**, please give the observer's name and address:—

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3537

FORM 1090.

## B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1933

At Wellheads Hush

In the County of Durham

Rain Gauge

Diameter of Funnel ........ in.

*Height of Top above Ground* ...... *ft.* ...... *in.*

*Height of Ground above Sea Level* 1690 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date. | * | * |
| JAN. | 6·05 | Read Monthly | | | |
| FEB. | 4·55 | | | | |
| MAR. | 2·65 | | | | |
| APRIL | 3·25 | | | | |
| MAY | 3·05 | | | | |
| JUNE | 2·85 | | | | |
| JULY | 4·25 | | | | |
| AUG. | 1·65 | | | | |
| SEPT. | 2·65 | | | | |
| OCT. | 6·00 | | | | |
| NOV. | 3·15 | | | | |
| DEC. | 1·35 | | | | |
| Total | 41·45 | | | | |

*Signature* Henry Robinson
Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

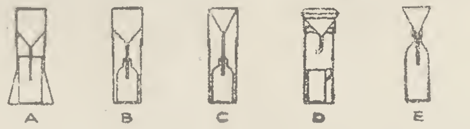
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Heights of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—**

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O. 7
23 JAN 1934

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

9

3537

FORM 1090. **B** Monthly Summary.

*⁎* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1934.

At Wellheads Hush

In the County of Durham

Rain Gauge:
Diameter of Funnel ........ in.
*Height of Top above Ground* ........ *ft* ........ *in.*
*Height of Ground above Sea Level* 1690 *ft.*

| Month. | Total Depth. | Greatest Fall in 24 hours. | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 6·45 | Read Monthly | | | |
| FEB. | ·40 | | | | |
| MAR. | 4·85 | | | | |
| APRIL | 5·05 | | | | |
| MAY | 4·25 | | | | |
| JUNE | 2·15 | | | | |
| JULY | 3·90 | | | | |
| AUG. | 4·05 | | | | |
| SEPT. | 4·35 | | | | |
| OCT. | 9·30 | | | | |
| NOV. | 3·05 | | | | |
| DEC. | 7·90 | | | | |
| Total | 55·70 | | | | |

Signature Henry Robinson
Engineer.

*See Instruction 2 (*f*) below.

**C** Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible:—**

Name and Address to which any inquiry relating to this register should be sent:—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter ........ in Summer ........

Nearest Railway Station ........ Distance ........ Direction from gauge ........

Nearest Parish Church at ........ Distance ........ Direction from gauge ........

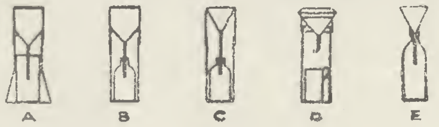
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances .. | | | | |
| Directions from gauge .. | | | | |

**If gauge has been moved during the year state—**

Date of move ........ Distance ........ Direction ........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address:—

........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|}17\\18\end{array}\right\}\begin{array}{c|}\cdot 14\end{array}$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O. 7 JAN 1935

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3537

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1935.

At Wellheads Hush

In the County of Durham

Rain Gauge
- Diameter of Funnel ..................... in.
- *Height of Top above Ground* ......... *ft.* ......... *in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 2·75 | | | | |
| FEB. | 10·90 | | | | |
| MAR. | 2·75 | | | | |
| APRIL | 5·80 | | | | |
| MAY | 1·05 | | | | |
| JUNE | 3·95 | Real | | | |
| JULY | 2·90 | Monthly | | | |
| AUG. | 2·75 | | | | |
| SEPT. | 7·65 | | | | |
| OCT. | 10·20 | | | | |
| NOV. | 7·35 | | | | |
| DEC. | 4·95 | | | | |
| TOTAL | 63·00 | | | | |

*Signature* H. Robinson

Engineer.

*See Instruction 2 (*f*) below.

## C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Durham County Water Board
227 Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter .................. in Summer ..................

Nearest Railway Station .................. Distance .................. Direction from gauge ..................

Nearest Parish Church at .................. Distance .................. Direction from gauge ..................

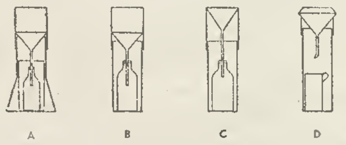
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move .................. Distance .................. Direction ..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3537
4

FORM 1090.

## B Monthly Summary.

*,* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1936

At Cowshill (Wellheads Hush)

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*.......*ft*.......*in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 8·10 | | | | |
| FEB. | 3·35 | | | | |
| MAR. | 8·15 | | | | |
| APRIL | 3·25 | | | | |
| MAY | 1·95 | | | | |
| JUNE | 3·85 | Read | | | |
| JULY | 6·05 | Monthly | | | |
| AUG. | 2·85 | | | | |
| SEPT. | 5·65 | | | | |
| OCT. | 7·95 | | | | |
| NOV. | 6·25 | | | | |
| DEC. | 8·45 | | | | |
| TOTAL | 65·85 | | | | |

Signature H. Robinson
Engineer

*See Instruction 2 (*f*) below.

## C Particulars of Station,

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

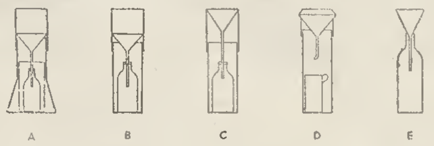
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state –**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090.

## B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1937

At Cowshill (Wellheads Hush)

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.........ft..........in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 7·10 | Read Monthly | | | |
| FEB. | 5·65 | | | | |
| MAR. | 4·45 | | | | |
| APRIL | 3·05 | | | | |
| MAY | 3·95 | | | | |
| JUNE | 2·35 | | | | |
| JULY | 2·25 | | | | |
| AUG. | 2·95 | | | | |
| SEPT. | 3·95 | | | | |
| OCT. | 2·80 | | | | |
| NOV. | 1·45 | | | | |
| DEC. | 5·90 | | | | |
| TOTAL | 45·85 | | | | |

*Signature* H. Robinson

Engineer.

*See Instruction 2 *(f)* below.

## C Particulars of Station,

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

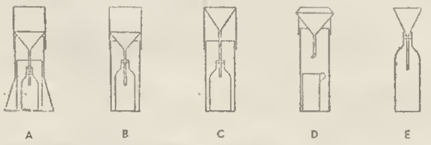
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

## D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

- (a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3537

FORM 1090.

## B Monthly Summary.

*.* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

### RAINFALL IN 1938.

At Cowshill, Wellhead, Nr. Hush

In the County of Durham

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground.........ft.........in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | 01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 9·85 | | | | |
| FEB. | 3·00 | | | | |
| MAR. | 3·25 | | | | |
| APRIL | 2·05 | | | | |
| MAY | 3·25 | | | | |
| JUNE | 6·75 | Read Monthly | | | |
| JULY | 5·65 | | | | |
| AUG. | 4·25 | | | | |
| SEPT. | 2·65 | | | | |
| OCT. | 14·25 | | | | |
| NOV. | 8·10 | | | | |
| DEC. | 5·65 | | | | |
| TOTAL | 68·70 | | | | |

Signature J. A. Rodwell.
Engineer.

* See Instruction 3 (*f*) below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board,
227, Newgate Street, Bishop Auckland.

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

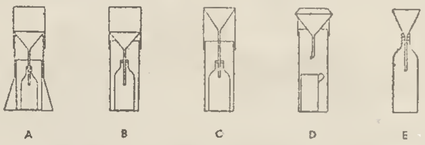
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..........

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3537

FORM 1090.

## B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1939

At Cowshill, Wellheads Hush

In the County of Durham

Rain Gauge
Diameter of Funnel..........................in.
*Height of Top above Ground*..........*ft*..............*in.*
*Height of Ground above Sea Level*...1690...*ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with | |
|---|---|---|---|---|---|
| | | | | ·01 in. or more | ·04 in. or more |
| | Inches | Inches | Date | * | * |
| JAN. | 9·95 | | | | |
| FEB. | 6·95 | | | | |
| MAR. | 4·55 | | | | |
| APRIL | 2·95 | | | | |
| MAY | 1·20 | | | | |
| JUNE | 4·75 | | Read | | |
| JULY | 6·75 | | Monthly | | |
| AUG. | 2·85 | | | | |
| SEPT. | 2·35 | | | | |
| OCT. | 4·65 | | | | |
| NOV. | 9·15 | | | | |
| DEC. | 2·65 | | | | |
| TOTAL | 58·75 | | | | |

*Signature* ..........................................

ENGINEER

* See Instruction 3 *(f)* below.

## C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Durham County Water Board
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter........................in Summer....................

Nearest Railway Station.................................. Distance.................. Direction from gauge..............

Nearest Parish Church at.................................. Distance.................. Direction from gauge..............

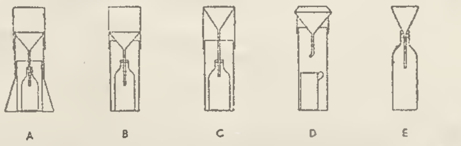
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move.................................................. Distance................ Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

..............................................................................................

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3537

FORM 1090.

## B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

## RAINFALL IN 1940

At Cowshill, Wellheads Hush

In the County of Durham

Rain Gauge
- Diameter of Funnel ............ in.
- *Height of Top above Ground* ........ *ft.* ........ *in.*
- *Height of Ground above Sea Level* 1690 *ft.*

| Month | Total Depth | Greatest Fall in 24 hours | | Number of Days with ·01 in. or more | Number of Days with ·04 in. or more |
|---|---|---|---|---|---|
| | Inches | Inches | Date | * | * |
| JAN. | 2·80 | | | | |
| FEB. | 2·40 | | | | |
| MAR. | 6·25 | | | | |
| APRIL | 3·45 | | | | |
| MAY | 1·95 | | | | |
| JUNE | ·95 | Read | | | |
| JULY | 6·45 | Monthly | | | |
| AUG. | 3·05 | | | | |
| SEPT. | 4·95 | | | | |
| OCT. | 6·95 | | | | |
| NOV. | 6·65 | | | | |
| DEC. | 5·75 | | | | |
| TOTAL | 51·60 | | | | |

*Signature* ..................

* See Instruction 3 (*f*) below.

## C Particulars of Station.

**Every observer is requested to fill in this section and also the space for notes as far as possible :—**

Name and Address to which any inquiry relating to this register should be sent :—

Durham County Water Board,
227, Newgate Street, Bishop Auckland

Hour of observation by the clock—in Winter ............ in Summer ............

Nearest Railway Station ............ Distance ............ Direction from gauge ............

Nearest Parish Church at ............ Distance ............ Direction from gauge ............

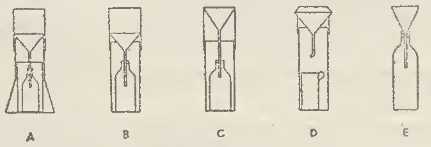
| | | | | |
|---|---|---|---|---|
| Nature of objects nearest to gauge | | | | |
| Height of objects | | | | |
| Distances ... | | | | |
| Directions from gauge ... | | | | |

**If gauge has been moved during the year state—**

Date of move ............ Distance ............ Direction ............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



**If you know of any record of rainfall** not quoted in **British Rainfall,** please give the observer's name and address :—

............

### NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM
VALUES FORWARDED MONTHLY

## D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
*9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An **entry ·005** is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

Section **A** for the entry of
AIR MINISTRY

FORM 1090.

# REGIST

Kept at Houghall
in the County of Durh

Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea L

**THE MORNING MEASU**

*An observer who does not conform to*
*year in the space on the right of th*

3538

~~Hough Hall~~
1931 — 40

780701

FOR OFFICIAL USE.
ORGANIZATION.

3538

78

*lowing*

Jan. 1, following

| Date | Jan. | Feb. | March | | | | | | | | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | | | | | | | | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·60 | | ·76 | | | | | X 5 | | 2 |
| 3 | | | | | | | | | | | X ·31 | | 3 |
| 4 | | | | | | | | | 1.53 | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | ·61 | | | | | | 8 |
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| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | ·34 | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
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| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | ·46 | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | ·45 | | | | | | | | | ·37 | | ·35 | 29 |
| 30 | | ✕ | | | ·75 | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | · | ✕ | | | ✕ | | ✕ | | 31 |
| TOTAL | 2.07 | 1.12 | 1.61 | 3.04 | 2.65 | 3.32 | 4.00 | 1.99 | 4.14 | 0.98 | 2.33 | 1.13 | YEAR'S TOTAL<br>28.38 |
| *Days with ·01 in. or more. | 18 | 13 | 14 | 17 | 14 | 19 | 17 | 14 | 12 | 10 | 15 | 6 | 169 |
| *Days with ·04 in. or more. | 11 | 9 | 9 | 17 | 11 | 12 | 16 | 9 | 7 | 8 | 11 | 4 | 124 |
| 40-9999 | 52.6 | 28.4 | 40.9 | 77.2 | 67.3 | 84.3 | 101.6 | 50.5 | 105.2 | 24.9 | 59.2 | 28.7 | 720.8 |

(Signed) [P.T.O.

*See Instruction 2 (*f*) on other side.

3538

**Section** **A** for the entry of FOR OFFICIAL USE.

C

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

78

400.

*Kept at* Houghall

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.

Height of top of Gauge above Ground ........ ft ........ in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | ·60 | | ·76 | | | | | X t | | 2 |
| 3 | | | | | | | | | | | X ·31 | | 3 |
| 4 | | | | | | | | | 1.53 | | | | 4 |
| 5 | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | 7 |
| 8 | | | | | | | ·61 | | | | | | 8 |
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| 16 | | ·30 | | | | | | | | | | | 16 |
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| 18 | | | | | | | | | | | | | 18 |
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| 21 | | | | | | | | | | | | | 21 |
| 22 | | | ·35 | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | ·46 | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | ·45 | | | | | | | | | ·37 | | ·35 | 29 |
| 30 | | X | | | ·75 | | | | | | | | 30 |
| 31 | | X | | X | | X | | | X | | X | | 31 |
| TOTAL | 2.07 | 1.12 | 1.61 | 3.04 | 2.65 | 3.32 | 4.00 | 1.99 | 4.14 | 0.98 | 2.33 | 1.13 | YEAR'S TOTAL<br>28.38 |
| *Days with ·01 in. or more. | 18 | 13 | 14 | 17 | 14 | 19 | 17 | 14 | 12 | 10 | 15 | 6 | 169 |
| *Days with ·04 in. or more. | 11 | 9 | 9 | 17 | 11 | 12 | 16 | 9 | 7 | 8 | 11 | 4 | 124 |
| 40-9999 | 52.6 | 28.4 | 40.9 | 77.2 | 67.3 | 84.3 | 101.6 | 50.5 | 105.2 | 24.9 | 59.2 | 28.7 | 720.8 |

(*Signed*) ........................................ [P.T.O.

*See Instruction 2 (*f*) on other side.

3538.

**Section** **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM

# REGISTER OF RAINFALL IN 1932.

78

*Kept at* Houghall

*in the County of* Durham

Diameter of Funnel of Gauge ............ in.

Height of top of Gauge above Ground ............ ft ............ in.

,, Ground ,, Sea Level 160 ft.

400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
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| 4 | | | | | | | | | | | | | 4 |
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| 9 | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | ·65 | | ·14 | 10 |
| 11 | | ·31 | | | | | 1·31 | | | | | | 11 |
| 12 | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | ·48 | | | ·14 | 13 |
| 14 | | | | | | | | | | | | | 14 |
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| 21 | | | | ·13 | ·83 | | | | | | | | 21 |
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| 25 | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | ·57 | | | ·71 | | | | | | | 27 |
| 28 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | ·85 | | | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 1.40 | 0.96 | 2.19 | 1.12 | 3.97 | 1.21 | 3.97 | 2.41 | 2.08 | 3.98 | 0.58 | 0.96 | YEAR'S TOTAL<br>24.83 |
| *Days with ·01 in. or more. | 11 | 11 | 16 | 20 | 21 | 5 | 18 | 7 | 14 | 20 | 12 | 13 | 168 |
| *Days with ·04 in. or more. | 7 | 6 | 9 | 12 | 18 | 3 | 15 | 6 | 13 | 16 | 6 | 10 | 121 |
| 40-9999 | 35.6 | 24.4 | 55.6 | 28.4 | 100.8 | 30.7 | 100.8 | 61.2 | 52.8 | 101.1 | 14.7 | 24.4 | |

(Signed) ................................ [P.T.O.

*See Instruction 2 (*f*) on other side.

3538

**Section** **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Houghall
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. · in.
,, Ground ,, Sea Level 160 ft.

400.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | ·64 | | 2 |
| 3 | | | ·29 | | | | | | | | | | 3 |
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| 11 | | | | | | | | | | | | | 11 |
| 12 | | | | | | ·35 | | | | | | | 12 |
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| 16 | 0·39 | | | | | | | | | | | | 16 |
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| 18 | | | | | | | | | | | | | 18 |
| 19 | | | | | | | ·68 | | | | | | 19 |
| 20 | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | ·74 | | | 22 |
| 23 | | | | | | | | | | | | | 23 |
| 24 | | | | 0·22 | ·30 | | | | | | | | 24 |
| 25 | | ·94 | | | | | | | ·92 | | | | 25 |
| 26 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | ·40 | | | | | 28 |
| 29 | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | 31 |
| TOTAL | 1·57 | 4·25 | 0·95 | 1·00 | 1·93 | 1·25 | 2·07 | 0·98 | 2·05 | 3·24 | 3·57 | 2·03 | YEAR'S TOTAL 24·89 |
| *Days with ·01 in. or more. | 11 | 15 | 11 | 9 | 14 | 10 | 11 | 9 | 12 | 16 | 18 | 20 | 156 |
| *Days with ·04 in. or more. | 9 | 11 | 7 | 7 | 9 | 8 | 6 | 6 | 7 | 11 | 15 | 16 | 112 |

40-9999 39·9    25·4    52·6

*See Instruction 2 (*f*) on other side.

(Signed) ........................

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Houghall

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. : in.

,, Ground ,, Sea Level 160 ft.

400

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | 85 | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | ·42 | | | 1·34 | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | ·79 | | | 9 |
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| 11 | | | | ·71 | | | | | | | | | | 11 |
| 12 | | | ·86 | | | | | | | | | | | 12 |
| 13 | ·36 | | | | | | 1·38 | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
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| 22 | | | | | | ·51 | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | ·38 | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | X | | | | | | | ·35 | | | | | 29 |
| 30 | | X | | | | | | | | ·69 | | | | 30 |
| 31 | | X | | X | | X | | | X | | X | | | 31 |
| TOTAL | 1·23 | 0·47 | 2·91 | 3·63 | 1·32 | 2·03 | 2·58 | 3·17 | 1·48 | 3·23 | 2·49 | 4·22 | Year's Total<br>28·76 | |
| *Days with ·01 in. or more. | 12 | 4 | 15 | 14 | 11 | 10 | 9 | 14 | 14 | 18 | 16 | 23 | 160 | |
| *Days with .04 in. or more. | 11 | 2 | 13 | 13 | 7 | 9 | 8 | 12 | 9 | 17 | 13 | 22 | 136 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

77

400

*Kept at* Hough Hall

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·50 | | | | | | | | | | | | | 1 |
| 2 | | ·41 | | | | | | | | | | | | 2 |
| 3 | | | ·13 | | | | | | | | | | | 3 |
| 4 | | | | | | ·75 | | | | 0·61 | | | | 4 |
| 5 | | ·50 | | | | ·11 | " | | | | | | | 5 |
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| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | ·26 | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | ·07 | | | | | | | | | | | | 15 |
| 16 | | ·36 | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 1·09 | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | ·09 | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | ·23 | | 1·44 | | | | | 2·18 | | | | | 21 |
| 22 | | ·38 | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | ·80 | | | | | | | ·92 | | | ·40 | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | ·50 | | | | | | | 0.89 | ·30 | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | - | × | | | 31 |
| TOTAL | 2·44 | 3·32 | 0·58 | 3·14 | 0·76 | 2·62 | 0·26 | 1·74 | 5·38 | 3·92 | 4·22 | 1·90 | Year's Total 30·28 | |
| *Days with ·01 in. or more. | 15 | 16 | 9 | 13 | 6 | 19 | 5 | 9 | 14 | 22 | 23 | 17 | 168 | |
| *Days with ·04 in. or more. | 13 | 13 | 6 | 9 | 4 | 15 | 4 | 6 | 13 | 17 | 19 | 14 | 133 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

78

400

*Kept at* Haughall

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | 0·61 | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | 1·68 | | | | | | | | 3 |
| 4 | | | | | | | | 0·46 | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | ·65 | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | ·81 | | 13 |
| 14 | | | | 0·40 | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | 1·05 | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | 0·60 | | | | | | | 23 |
| 24 | | | | | 0·83 | | | | 0·74 | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | 0·40 | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | 0·98 | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 4·14 | 3·70 | 2·30 | 1·63 | 1·70 | 3·57 | 2·98 | 1·88 | 2·83 | 1·43 | 3.17 | 1·89 | Year's Total. 31·22 | ✓ |
| * Days with .01 in. or more. | ~~18~~ | ~~12~~ | ~~12~~ | ~~10~~ | ~~11~~ | ~~12~~ | ~~18~~ | ~~10~~ | ~~13~~ | ~~12~~ | ~~10~~ | ~~8~~ | ~~116~~ | ✓ ~~126~~ |
| * Days with .04 in. or more. | 16 | 11 | 9 | 6 | 8 | 11 | 15 | 8 | 12 | 10 | 10 | 7 | 123 | ✓ |

80·5

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3538

7.8

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090. Durham

# REGISTER OF RAINFALL IN 1937.

400

*Kept at* (Houghall Hort. Sta)

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | 1·66 | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | ·78 | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | ·82 | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | ·23 | | ·63 | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | ·50 | | | | | | | | | | 16 |
| 17 | | | | | | | | | ·91 | | | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | ·57 | | | 19 |
| 20 | | | | | ·91 | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | ·66 | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | 1·10 | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | | | 30 |
| 31 | ·53 | × | | × | | × | | | × | | × | | | 31 |
| TOTAL | 3·05 | 3·76 | 3·86 | 2·15 | 3·10 | 1·50 | 2·93 | 1·31 | 1·48 | 1·70 | 1·40 | 6·15 | Year's Total 32·39 | |
| *Days with ·01 in. or more. | 14 | 16 | 22 | 18 | 13 | 15 | 13 | 11 | 8 | 12 | 12 | 21 | 175 | |
| *Days with ·04 in. or more. | 14 | 13 | 16 | 13 | 8 | 12 | 8 | 6 | 6 | 8 | 8 | 20 | 132 | |

40-9999

† Spare column, no entries required.

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE ~~78~~

Section **A** for the entry of Daily Observations Station No. 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]90

# REGISTER OF RAINFALL IN 1938

*Kept at* Durham (Houghall Hort. Sta)

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 160 ft.

400

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | 1·11 | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | ·75 | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | ·08 | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | ·37 | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | ·65 | | | | | | | 16 |
| 17 | | | | | ·85 | | | | | | | | | 17 |
| 18 | | | | | | | | | | | ·37 | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | ·40 | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | ·45 | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | | | | | | | | | | | | | 28 |
| 29 | | | | ·04 | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | ·45 | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | ·58 | | 31 |
| TOTAL | 2·26 | 1·11 | ·30 | ·05 | 3·34 | 2·53 | 2·35 | 1·50 | 2·28 | 3·29 | 2·37 | 4·37 | Year's Total<br>25·75 ✓ | ✓ |
| * Days with .01 in. or more. | 16 | 9 | 7 | 2 | 18 | 14 | 19 | 13 | 19 | 17 | 17 | 26 | 177 ✓ | ✓ |
| * Days with .04 in. or more. | 13 | 7 | 5 | 1 | 15 | 10 | 12 | 9 | 11 | 15 | 15 | 20 | 133 ✓ | ✓ |

* See Instruction 3 (f) on other side.

1·46

† Spare column, no entries required.

(*Signed*) ............ [P.T.O.

~~78~~

COPY FOR OFFICIAL USE

Secti **A** for the entry of Daily Observations

Station No. 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1939

*Kept at* Durham (Houghall Hort. St.)

*in the County of* Durham

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 160 ft.

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | ·91 | ·79 | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | ·33 | | 5 |
| 6 | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | ·96 | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | ·66 | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | 1·44 | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | ·64 | | | | | | | | | 16 |
| 17 | | | | | | | | | | | | | | 17 |
| 18 | | | | | | ·43 | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | 24 |
| 25 | | | | ·34 | | | | | | | ·90 | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | | ·90 | | | | | | | | | | | 27 |
| 28 | | ·18 | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | ✕ | | | | | | | | | | | | 30 |
| 31 | | ✕ | | ✕ | | ✕ | | | ✕ | | ✕ | | | 31 |
| TOTAL | 5·30 | ·77 | 2·97 | 1·14 | 1·40 | 2·65 | 3·08 | 4·54 | 1·59 | 5·84 | 3·64 | 1·31 | Year's Total<br>34·23 | |
| * Days with .01 in. or more. | 23 | 9 | 16 | 10 | 9 | 16 | 20 | 13 | 18 | 19 | 14 | 13 | 180 | |
| * Days with .04 in. or more. | 21 | 6 | ~~8~~11 | 9 | 7 | 11 | 14 | 12 | 5 | 16 | 13 | 8 | 3<br>125 3 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ........................................ [P.T.O.

COPY FOR OFFICIAL USE

78

Section **A** for the entry of Daily Observations

Station No. 3538

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Durham (Houghall Hort. St.)
*in the County of* Durham
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 160 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | | | | | | | | | | | | | | 1 |
| 2 | | | | ·49 | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | | | | 3 |
| 4 | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | ·54 | | | | 6 |
| 7 | | | | | | | | | | | | | | 7 |
| 8 | | | | | | 1·10 | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | 11 |
| 12 | | | ·72 | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | ·78 | | | | | 16 |
| 17 | | | | | | | ·98 | | | | ·84 | | | 17 |
| 18 | | | | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | | | | 19 |
| 20 | | | | | | | | ·27 | | | | | | 20 |
| 21 | ·47 | | | | | | | | | | | | | 21 |
| 22 | | | | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | | | | 23 |
| 24 | | | | | ·62 | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | | 27 |
| 28 | | ·42 | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | 29 |
| 30 | | × | | | | | | | | | | ·72 | | 30 |
| 31 | | × | | × | | × | | | × | | × | | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·14 | 2·32 | 1·90 | 1·55 | 1·70 | 1·90 | 5·42 | ·93 | 1·49 | 3·20 | 3·69 | 2·19 | 28·43 | |
| * Days with .01 in. or more. | 14 | 16 | 14 | 13 | 7 | 6 | 21 | 9 | 10 | 18 | 18 | 14 | 160 | |
| * Days with .04 in. or more. | 12 | 12 | 10 | 10 | 7 | 4 | 18 | 7 | 9 | 15 | 13 | 10 | 127 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) X Director of Agriculture X

[P.T.O.

3539 —

DURHAM. OBS.

1931 – 40.

780701

3539

FOR OFFICIAL USE.

OFFICE.—BRITISH RAINFALL ORGANIZATION.

# …INFALL IN 1931.

77

Tram

**…ED TO THE PREVIOUS DAY.**

*…reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | |
| 1 | – | – | 3·5 | – | – | 0·4 | – | – | 9·9 | 0·2 | – | 0·2 | 1 |
| 2 | – | 1·3 | 0·1 | 15·0 | 0·1 | 20·9 | – | – | 27·0 | 1·4 | – | 7·1 | 2 |
| 3 | 0·2 | 0·7 | 1·0 | 1·5 | – | 0·6 | 1·8 | – | 15·8 | – | 8·1 | 5·6 | 3 |
| 4 | 1·2 | 1·5 | – | 0·1 | – | 1·2 | 0·3 | – | 19·8 | – | 0·2 | 0·1 | 4 |
| 5 | – | 0·7 | – | – | 1·7 | 9·3 | 10·7 | 2·8 | 1·7 | – | – | 6·9 | 5 |
| 6 | – | 1·9 | 2·8 | – | – | 9·2 | 12·2 | 5·6 | – | 1·1 | – | – | 6 |
| 7 | – | – | 0·9 | – | 1·9 | 2·9 | – | 9·0 | – | – | 3·8 | – | 7 |
| 8 | 0·7 | 0·1 | 3·3 | 1·5 | 2·8 | 4·7 | 15·2 | 1·3 | 0·3 | – | 1·5 | – | 8 |
| 9 | 0·2 | 2·0 | 7·3 | 4·7 | 2·8 | 2·4 | – | 4·2 | – | 0·3 | 5·9 | – | 9 |
| 10 | – | 4·0 | 2·8 | – | 1·7 | 3·5 | – | 0·4 | – | – | 2·0 | – | 10 |
| 11 | 0·8 | 3·6 | – | – | – | – | 1·4 | – | 0·3 | – | 0·1 | – | 11 |
| 12 | 3·2 | – | – | – | – | 0·5 | 10·4 | 6·6 | – | 5·1 | – | – | 12 |
| 13 | 2·4 | – | 3·7 | – | 1·0 | 0·5 | – | 0·2 | 0·1 | – | – | – | 13 |
| 14 | 0·8 | 1·7 | 0·5 | – | 0·3 | 12·6 | 7·0 | 8·4 | – | – | 2·1 | 0·8 | 14 |
| 15 | – | 2·4 | – | 9·4 | 1·0 | 0·3 | 0·2 | 0·8 | – | – | 0·7 | – | 15 |
| 16 | 0·8 | 6·0 | – | 2·0 | – | – | 0·6 | 4·7 | 3·2 | – | – | – | 16 |
| 17 | – | 2·0 | – | 9·0 | – | 4·2 | 2·8 | 0·5 | – | 0·8 | 0·7 | – | 17 |
| 18 | 3·6 | 1·4 | – | 9·0 | – | 5·2 | 2·9 | – | 1·6 | – | 9·2 | – | 18 |
| 19 | 1·1 | – | – | 1·4 | – | 4·3 | 1·8 | 9·9 | 0·5 | 1·6 | – | 0·2 | 19 |
| 20 | – | – | – | 2·7 | – | – | – | 0·2 | 0·9 | – | 0·6 | 0·4 | 20 |
| 21 | 0·6 | – | – | 0·3 | 0·3 | – | – | 0·6 | – | – | – | – | 21 |
| 22 | 4·2 | 0·7 | 10·4 | 2·0 | 4·2 | 0·8 | – | – | 0·4 | – | – | – | 22 |
| 23 | 4·7 | – | – | 2·0 | 8·1 | 7·9 | – | – | 1·7 | 2·9 | 3·7 | – | 23 |
| 24 | – | 0·1 | – | 5·8 | 10·4 | – | 1·5 | 0·9 | 0·4 | 1·6 | 0·1 | 0·1 | 24 |
| 25 | – | – | – | 2·4 | 0·4 | – | 2·8 | – | – | – | 0·2 | – | 25 |
| 26 | – | – | – | 1·5 | – | – | 14·6 | – | – | – | 11·0 3 | – | 26 |
| 27 | 1·0 | 0·2 | – | 5·5 | – | – | 1·2 | – | – | 1·7 | 2·5 | – | 27 |
| 28 | 4·9 | 0·2 | 0·4 | 2·8 | 12·7 | – | – | – | 0·8 | – | 0·2 | 0·1 | 28 |
| 29 | 14·4 | × | 1·0 | – | 1·5 | – | 9·6 | – | – | 9·7 | 0·7 | 3·5 | 29 |
| 30 | 0·6 | × | – | – | 19·6 | 0·6 | 0·4 | – | – | – | – | – | 30 |
| 31 | 4·9 | × | – | × | 0·1 | × | 4·2 | – | × | 0·6 | × | – | 31 |
| 997 | 50·3 | 30·5 | 37·7 | 78·6 | 70·6 | 92·0 | 101·6 | 56·1 | 84·4 | 27·0 | 53·3 | 25·0 | 707·1<br>YEAR'S TOTAL |
| TOTAL | 1·98 | 1·20 | 1·48 | 3·09 | 2·78 | 3·62 | 4·00 | 2·21 | 3·32 | 1·06 | 2·10 | 0·98 | 27·82 |
| *Days with ·01 in. or more. | 19 | 16 | 12 | 18 | 16 | 20 | 20 | 16 | 15 | 12 | 17 | 8 | 189 |
| *Days with ·04 in. or more. | 11 | 11 | 9 | 17 | 13 | 13 | 16 | 9 | 8 | 8 | 10 | 4 | 129 |
| 99 40-9999 | 50·3 | 30·5 | 37·7 | 78·6 | 70·6 | 92·0 | 101·6 | 56·1 | 84·4 | 27·0 | 53·3 | 25·0 | 707·1 |

*See Instruction 2 (*f*) on other side.

(Signed) ……………………

[P.T.O.

3539

FOR OFFICIAL USE.

OFFICE.—BRITISH RAINFALL ORGANIZATION.

# REGISTER OF RAINFALL IN 1931.

77

Kept at Durham

in the County of Durham

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level 336 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | |
| 1 | – | – | 3·5 | – | – | 0·4 | – | – | 9·9 | 0·2 | – | 0·2 | 1 |
| 2 | – | 1·3 | 0·1 | 15·0 | 0·1 | 20·9 | – | – | 27·0 | 1·4 | – | 7·1 | 2 |
| 3 | 0·2 | 0·7 | 1·0 | 1·5 | – | 0·6 | 1·8 | – | 15·8 | – | 8·1 | 5·6 | 3 |
| 4 | 1·2 | 1·5 | – | 0·1 | – | 1·2 | 0·3 | – | 19·8 | – | 0·2 | 0·1 | 4 |
| 5 | – | 0·7 | – | – | 1·7 | 9·3 | 10·7 | 2·8 | 1·7 | – | – | 6·9 | 5 |
| 6 | – | 1·9 | 2·8 | – | – | 9·2 | 12·2 | 5·6 | – | 1·1 | – | – | 6 |
| 7 | – | – | 0·9 | – | 1·9 | 2·9 | – | 9·0 | – | – | 3·8 | – | 7 |
| 8 | 0·7 | 0·1 | 3·3 | 1·5 | 2·8 | 4·7 | 15·2 | 1·3 | 0·3 | – | 1·5 | – | 8 |
| 9 | 0·2 | 2·0 | 7·3 | 4·7 | 2·8 | 2·4 | – | 4·2 | – | 0·3 | 5·9 | – | 9 |
| 10 | – | 4·0 | 2·8 | – | 1·7 | 3·5 | – | 0·4 | – | – | 2·0 | – | 10 |
| 11 | 0·8 | 3·6 | – | – | – | – | 1·4 | – | 0·3 | – | 0·1 | – | 11 |
| 12 | 3·2 | – | – | – | – | 0·5 | 10·4 | 6·6 | – | 5·1 | – | – | 12 |
| 13 | 2·4 | – | 3·7 | – | 1·0 | 0·5 | – | 0·2 | 0·1 | – | – | – | 13 |
| 14 | 0·8 | 1·7 | 0·5 | – | 0·3 | 12·6 | 7·0 | 8·4 | – | – | 2·1 | 0·8 | 14 |
| 15 | – | 2·4 | – | 9·4 | 1·0 | 0·3 | 0·2 | 0·8 | – | – | 0·7 | – | 15 |
| 16 | 0·8 | 6·0 | – | 2·0 | – | – | 0·6 | 4·7 | 3·2 | – | – | – | 16 |
| 17 | – | 2·0 | – | 9·0 | – | 4·2 | 2·8 | 0·5 | – | 0·8 | 0·7 | – | 17 |
| 18 | 3·6 | 1·4 | – | 9·0 | – | 5·2 | 2·9 | – | 1·6 | – | 9·2 | – | 18 |
| 19 | 1·1 | – | – | 1·4 | – | 4·3 | 1·8 | 9·9 | 0·5 | 1·6 | – | 0·2 | 19 |
| 20 | – | – | – | 2·7 | – | – | – | 0·2 | 0·9 | – | 0·6 | 0·4 | 20 |
| 21 | 0·6 | – | – | 0·3 | 0·3 | – | – | 0·6 | – | – | – | – | 21 |
| 22 | 4·2 | 0·7 | 10·4 | 2·0 | 4·2 | 0·8 | – | – | 0·4 | – | – | – | 22 |
| 23 | 4·7 | – | – | 2·0 | 8·1 | 7·9 | – | – | 1·7 | 2·9 | 3·7 | – | 23 |
| 24 | – | 0·1 | – | 5·8 | 10·4 | – | 1·5 | 0·9 | 0·4 | 1·6 | 0·1 | 0·1 | 24 |
| 25 | – | – | – | 2·4 | 0·4 | – | 2·8 | – | – | – | 0·2 | – | 25 |
| 26 | – | – | – | 1·5 | – | – | 14·6 | – | – | – | 11·0 | – | 26 |
| 27 | 1·0 | 0·2 | – | 5·5 | – | – | 1·2 | – | – | 1·7 | 2·5 | – | 27 |
| 28 | 4·9 | 0·2 | 0·4 | 2·8 | 12·7 | – | – | – | 0·8 | – | 0·2 | 0·1 | 28 |
| 29 | 14·4 | × | 1·0 | – | 1·5 | – | 9·6 | – | – | 9·7 | 0·7 | 3·5 | 29 |
| 30 | 0·6 | × | – | – | 19·6 | 0·6 | 0·4 | – | – | – | – | – | 30 |
| 31 | 4·9 | × | – | × | 0·1 | × | 4·2 | – | × | 0·6 | × | – | 31 |
| 99 | 50·3 | 30·5 | 37·7 | 78·6 | 70·6 | 92·0 | 101·6 | 56·1 | 84·4 | 27·0 | 53·3 | 25·0 | 3407·1 |
| TOTAL | 1·98 | 1·20 | 1·48 | 3·09 | 2·78 | 3·62 | 4·00 | 2·21 | 3·32 | 1·06 | 2·10 | 0·98 | YEAR'S TOTAL 27·82 |
| *Days with ·01 in. or more | 19 | 16 | 12 | 18 | 16 | 20 | 20 | 16 | 15 | 12 | 17 | 8 | 189 |
| *Days with ·04 in. or more | 11 | 11 | 9 | 17 | 13 | 13 | 16 | 9 | 8 | 8 | 10 | 4 | 129 |
| 99 40-9999 | 50·3 | 30·5 | 37·7 | 78·6 | 70·6 | 92·0 | 101·6 | 56·1 | 84·4 | 27·0 | 53·3 | 25·0 | 707·1 |

*See Instruction 2 (*f*) on other side.

(Signed)..................................................

[P.T.O.

3539

77

**Section** **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY,—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM No.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge ........ in.
Height of top of Gauge above Ground ........ ft. ........ in.
,, Ground ,, Sea Level 336 ft.

M.M.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | |
| 1 | 4.7 | – | – | 0.2 | 10.3 | 0.1 | – | – | 2.9 | 3.7 | 0.5 | 0.4 | 1 |
| 2 | 0.1 | – | – | – | 10.1 | – | 1.1 | – | 3.1 | 2.8 | 0.7 | 2.4 | 2 |
| 3 | – | 0.2 | – | 1.4 | 0.1 | 0.2 | 0.1 | – | 0.1 | 0.2 | – | 3.3 | 3 |
| 4 | – | 0.3 | – | 0.3 | 4.4 | 0.1 | 6.2 | – | 0.1 | – | – | – | 4 |
| 5 | 3.2 | – | 3.5 | – | 1.8 | 0.3 | – | 2.7 | 2.7 | – | – | 1.1 | 5 |
| 6 | 3.3 | – | – | 1.5 | 0.1 | – | – | – | 0.4 | 0.3 | – | 2.3 | 6 |
| 7 | – | – | 1.2 | 0.3 | 3.2 | – | 12.4 | – | 2.9 | 5.2 | 0.4 | – | 7 |
| 8 | – | 1.0 | 1.2 | 0.3 | 4.8 | – | – | – | 2.8 | 9.3 | 1.9 | – | 8 |
| 9 | 5.1 | 4.5 | 1.1 | 2.9 | – | – | – | – | 1.2 | 5.3 | – | 2.1 | 9 |
| 10 | 5.1 | 3.9 | 1.5 | 1.7 | – | – | – | – | 2.4 | 17.2 | – | 3.8 | 10 |
| 11 | 0.5 | 6.6 | 0.4 | 0.8 | 9.5 | 0.9 | 31.6 | – | – | – | 0.5 | – | 11 |
| 12 | 5.2 | 1.2 | – | – | 2.4 | – | 1.1 | 0.3 | – | 4.3 | 0.4 | – | 12 |
| 13 | 0.7 | 2.2 | – | 0.8 | 1.3 | – | 0.6 | 0.7 | 12.1 | 0.1 | 0.1 | 2.4 | 13 |
| 14 | 1.9 | – | – | 0.5 | – | – | 3.3 | – | – | 0.2 | 0.5 | – | 14 |
| 15 | 0.2 | 2.0 | – | 0.3 | 1.5 | – | 0.1 | – | – | 0.8 | 3.4 | – | 15 |
| 16 | 7.1 | – | 0.3 | – | – | – | – | – | – | 0.3 | 0.5 | 1.9 | 16 |
| 17 | – | – | – | 1.1 | 0.4 | – | 2.0 | – | – | 3.2 | 0.2 | 0.3 | 17 |
| 18 | – | – | – | – | 1.3 | – | – | – | – | – | – | – | 18 |
| 19 | – | 0.7 | 0.7 | 0.7 | 1.2 | – | 0.6 | 0.2 | 0.9 | 4.0 | – | 0.3 | 19 |
| 20 | – | – | 4.4 | 1.6 | 7.0 | – | – | 15.5 | – | 2.6 | – | 0.1 | 20 |
| 21 | – | – | 10.6 | 6.5 | 21.3 | – | 2.6 | 20.9 | – | 14.0 | 0.9 | – | 21 |
| 22 | – | – | 11.3 | 2.0 | 0.6 | – | 8.3 | – | – | 0.9 | 2.2 | – | 22 |
| 23 | – | 1.4 | 0.4 | 3.7 | 0.2 | – | 2.8 | – | 2.6 | 0.2 | – | – | 23 |
| 24 | – | 0.8 | – | – | 0.3 | – | 10.0 | – | 1.1 | – | – | – | 24 |
| 25 | – | 1.0 | – | 1.4 | 3.4 | – | – | 1.2 | 0.7 | 3.4 | 0.3 | – | 25 |
| 26 | – | 0.6 | – | – | 4.3 | – | 6.5 | – | 8.4 | – | – | – | 26 |
| 27 | – | – | 14.3 | 2.6 | 2.7 | 15.0 | 3.9 | – | 0.2 | 7.7 | 2.1 | 0.3 | 27 |
| 28 | – | – | 0.2 | 1.7 | 10.3 | 6.0 | 1.2 | 1.0 | – | 2.6 | – | – | 28 |
| 29 | – | – | 4.2 | 0.1 | 1.5 | 1.0 | 9.2 | ~~21.3~~ | 1.5 | 5.9 | 1.1 | 0.8 | 29 |
| 30 | – | ✕ | 0.8 | 0.1 | 0.2 | 6.1 | 0.1 | 0.8 | 9.3 | 7.0 | 3.1 | 1.7 | 30 |
| 31 | 0.6 | ✕ | 0.6 | ✕ | – | ✕ | 6.9 | 1.0 | ✕ | 0.1 | ✕ | 0.2 | 31 662.3 |
| 99 | 37.7 ✓ | 26.4 ✓ | 56.7 ✓ | 32.5 ✓ | 104.2 ✓ | 29.7 ✓ | 110.6 ✓ | 65.6 | 55.4 ✓ | 101.3 | 18.8 ✓ | 23.4 | 662.3 TOTAL |
| TOTAL | 1.48 | 1.04 | 2.23 | 1.28 | 4.10 | 1.17 | 4.35 | 2.58 | 2.18 | 3.79 | 0.74 | 0.92 | 26.06 |
| *Days with ·01 in. or more. | 12 | 14 | 17 | 21 | 24 | 7 | 18 | 11 | 17 | 23 | 16 | 15 | 195 |
| *Days with ·04 in. or more. | 8 | 9 | 10 | 12 | 19 | 4 | 16 | 7 | 13 | 16 | 6 | 9 | 129 |

40-9999 37.7 26.4 56.7 32.5 104.2 29.7 110.6 65.6 55.4 101.3 18.8 23.4

(Signed) ........ P.T.O.

*See Instruction 2 (*f*) on other side.

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Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. · in.

,, Ground ,, Sea Level 336 ft.

7

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | in. mm | ~~in.~~ mm | in. mm | ~~in.~~ mm | ~~in.~~ mm | |
| 1 | 1·2 | – | 2·8 | – | – | – | – | – | – | – | 3·8 | – | 1 |
| 2 | 1·5 | – | 1·1 | – | – | 0·2 | – | – | – | – | 14·9 | 1·4 | 2 |
| 3 | 0·4 | 1·0 | 7·0 | – | 6·0 | – | – | – | – | – | 14·9 | – | 3 |
| 4 | 3·8 | 0·4 | 0·3 | – | 1·1 | – | – | – | – | – | 0·3 | – | 4 |
| 5 | 2·2 | – | 0·4 | – | 3·5 | – | – | 0·5 | – | – | 0·1 | – | 5 |
| 6 | – | 1·0 | 0·4 | – | 8·0 | – | – | – | – | 0·3 | 0·1 | 2·6 | 6 |
| 7 | – | 3·0 | – | – | 3·3 | – | – | – | – | 4·2 | – | 1·1 | 7 |
| 8 | 0·3 | – | 2·8 | 0·3 | 0·1 | 0·4 | 0·9 | – | – | – | – | 10·0 | 8 |
| 9 | – | 6·6 | – | – | 0·1 | 1·9 | 3·0 | – | – | 9·8 | 2·3 | 0·9 | 9 |
| 10 | – | 1·5 | – | – | – | 2·6 | – | – | – | 7·0 | 3·8 | 1·4 | 10 |
| 11 | 0·7 | – | – | – | 0·9 | – | – | – | – | 0·4 | 0·3 | – | 11 |
| 12 | 0·3 | – | – | – | – | 9·4 | 1·2 | – | – | – | – | 3·5 | 12 |
| 13 | – | – | 0·5 | – | 3·1 | – | 1·4 | 1·8 | 1·2 | 0·4 | 1·2 | – | 13 |
| 14 | 3·4 | – | 0·3 | – | 0·7 | – | 0·6 | 0·9 | – | – | 8·4 | 1·8 | 14 |
| 15 | 7·7 | – | 1·6 | – | – | – | 3·5 | 0·9 | – | 5·1 | 4·9 | 4·7 | 15 |
| 16 | 12·4 | – | 1·2 | 0·1 | 5·1 | 2·5 | 1·6 | – | – | – | 4·7 | 0·4 | 16 |
| 17 | 6·0 | 3·4 | 0·9 | 1·9 | – | 1·9 | – | 0·5 | 0·6 | 0·6 | 11·5 | – | 17 |
| 18 | – | 8·6 | 0·2 | 3·5 | – | 9·1 | – | 0·3 | – | – | 8·5 | 0·4 | 18 |
| 19 | – | – | 7·0 | – | – | 1·4 | 18·3 | – | – | – | 2·0 | 0·5 | 19 |
| 20 | – | – | – | 2·7 | – | – | – | – | 11·0 | 2·4 | 1·0 | – | 20 |
| 21 | – | 1·2 | – | 0·3 | – | 0·8 | 0·4 | – | 1·9 | 0·3 | 1·0 | – | 21 |
| 22 | – | 5·1 | – | – | – | – | – | – | 1·5 | 17·9 | 0·1 | – | 22 |
| 23 | – | 8·0 | – | – | 6·3 | 4·9 | – | 5·9 | 3·5 | 0·3 | 0·4 | – | 23 |
| 24 | – | 7·3 | – | 5·7 | 7·9 | 1·0 | 0·2 | – | 8·4 | 1·7 | 1·2 | 4·4 | 24 |
| 25 | – | 15·7 | – | 5·3 | 5·0 | 0·3 | – | 0·4 | 22·4 | 8·3 | 0·7 | – | 25 |
| 26 | 0·3 | 17·3 | – | 1·2 | 7·9 | – | – | – | – | 0·9 | 1·3 | 5·4 | 26 |
| 27 | – | 3·2 | – | – | – | – | 5·8 | – | 0·6 | 6·5 | 2·6 | 1·2 | 27 |
| 28 | – | 2·0 | – | 0·4 | 0·3 | – | – | 11·3 | 0·7 | 4·3 | – | 4·7 | 28 |
| 29 | – | × | – | 5·0 | – | – | 6·9 | 0·2 | 0·2 | 7·0 | – | 0·7 | 29 |
| 30 | 0·9 | × | 0·2 | – | – | – | 0·4 | – | 2·2 | 0·5 | – | 2·8 | 30 |
| 31 | 1·4 | × | 0·5 | × | – | × | – | 1·4 | × | – | × | 0·6 | 31 |
| 99<br>TOTAL | 42·5<br>1·67 | 85·3<br>3·36 | 27·2<br>1·07 | 26·4<br>1·04 | 59·3<br>2·33 | 36·4<br>1·43 | 44·7<br>1·76 | 24·1<br>0·95 | 54·2<br>2·13 | 79·0<br>3·11 | 90·5<br>3·56 | 50·0<br>1·97 | YEAR'S TOTAL<br>619·6<br>24·38 |
| *Days with ·01 in. or more. | 15 | 16 | 16 | 10 | 14 | 13 | 13 | 11 | 12 | 19 | 21 | 19 | 179 |
| *Days with ·04 in. or more. | 9 | 15 | 7 | 7 | 11 | 9 | 8 | 4 | 8 | 11 | 17 | 13 | 119 |

40-9999 42·5 26·4 44·7

(Signed) ........................................ [P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3539

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1934.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. : in.

,, Ground ,, Sea Level 336 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | † | |
| 1 | 2·0 | – | – | – | – | – | 3·8 | 3·8 | 7·7 | – | – | 0·9 | | 1 |
| 2 | 0·2 | 0·3 | – | – | – | – | – | 106 | 5·8 | – | 1·5 | 8·8 | | 2 |
| 3 | – | 0·9 | – | 0·1 | – | – | – | – | – | 5·4 | 2·2 | 2·9 | | 3 |
| X 4 | 0·5 | – | – | 2·1 | – | – | – | – | – | 1·2 | 1·1 | 22·9 | | 4 |
| 5 | – | – | 1·6 | 1·1 | 3·5 | 0·3 | – | 1·0 | – | 0·2 | 4·5 | 7·6 | | 5 |
| 6 | – | – | – | – | 8·6 | 1·6 | – | 22·6 | 0·6 | 1·1 | 0·2 | 8·8 | | 6 |
| 7 | 0·5 | 0·9 | – | 0·5 | 0·6 | 8·1 | – | – | – | – | – | 3·4 | | 7 |
| 8 | – | – | – | – | 1·2 | 7·5 | – | 0·1 | 1·0 | 1·4 | – | 0·7 | | 8 |
| 9 | – | – | 0·4 | 11·7 | – | – | – | 0·3 | 0·8 | 0·6 | 20·4 | 0·1 | | 9 |
| 10 | 0·1 | – | 7·4 | 4·2 | – | – | – | 6·1 | – | – | 14·9 | – | | 10 |
| 11 | 2·9 | – | 14·3 | 7·8 | – | – | – | 0·2 | – | – | 2·0 | 1·0 | | 11 |
| 12 | 0·8 | – | 18·3 | 9·6 | – | – | 2·1 | 4·7 | – | – | 3·5 | 3·4 | | 12 |
| 13 | 8·9 | – | 1·9 | 0·5 | 0·3 | – | 22·6 | 0·9 | – | – | 1·4 | – | | 13 |
| 14 | 2·4 | – | 5·2 | – | 1·0 | – | 5·4 | – | – | – | 2·0 | 4·4 | | 14 |
| X 15 | – | 0·1 | 0·2 | – | 4·4 | – | – | 0·4 | 0·9 | 8·0 | 1·5 | 2·3 | | 15 |
| 16 | 3·0 | – | 2·8 | – | 2·0 | – | – | – | – | 0·2 | 3·2 | – | | 16 |
| 17 | 1·2 | – | 1·2 | – | 0·4 | – | 6·1 | – | 3·2 | 2·0 | – | 3·3 | | 17 |
| 18 | 2·4 | – | 0·1 | – | 8·5 | 4·4 | – | 0·4 | – | – | – | 1·2 | | 18 |
| 19 | – | – | 3·7 | 4·8 | 0·3 | 1·5 | – | 0·8 | 0·5 | 1·3 | 0·9 | – | | 19 |
| 20 | – | – | 2·5 | 0·3 | 0·3 | 1·6 | – | 0·7 | – | – | – | – | | 20 |
| 21 | – | – | – | – | – | 10·2 | – | 1·3 | 4·8 | 0·9 | – | – | | 21 |
| 22 | – | – | – | 1·5 | – | 14·1 | 1·7 | 2·0 | 2·3 | 2·8 | – | 0·1 | | 22 |
| 23 | 0·3 | – | 1·3 | 4·5 | – | – | 6·8 | – | – | 4·7 | – | 2·2 | | 23 |
| 24 | – | – | – | – | 1·8 | 1·9 | – | – | 2·4 | 12·0 | – | 1·3 | | 24 |
| 25 | 0·2 | – | – | 3·5 | – | – | – | – | 3·0 | 2·9 | 1·3 | 13·7 | | 25 |
| 26 | 0·5 | – | – | 18·7 | – | 0·3 | – | – | 0·1 | 5·2 | – | 0·7 | | 26 |
| 27 | – | 8·7 | – | 3·5 | – | 1·5 | – | – | – | 5·2 | – | 2·5 | | 27 |
| 28 | – | – | – | 9·6 | – | 0·3 | 0·2 | 3·3 | – | 1·3 | – | 7·4 | | 28 |
| 29 | – | × | 1·9 | – | – | – | 2·0 | 1·0 | 9·2 | 6·8 | – | 2·8 | | 29 |
| 30 | 2·6 | × | 1·8 | – | – | – | 4·3 | 0·1 | 0·7 | 16·2 | – | 1·2 | | 30 |
| 31 | 1·1 | × | – | × | – | × | – | 1·5 | × | – | × | 0·4 | 690·1 | 31 |
| 99 | 30·1 | 10·4 | 64·6 | 94·0 | 32·4 | 53·3 | 55·5 | 61·8 | 43·0 | 79·4 | 60·6 | 104·0 | Year's Total 690·1 | |
| TOTAL | 1·19 | 0·43 | 2·54 | 3·70 | 1·30 | 2·10 | 2·19 | 2·43 | 1·09 | 3·13 | 2·39 | 4·09 | 27·18 | |
| *Days with ·01 in. or more. | 16 | 4 | 15 | 16 | 13 | 13 | 10 | 18 | 14 | 20 | 15 | 23 | 177 | |
| *Days with ·04 in. or more. | 19 | 1 | 13 | 13 | 8 | 10. | 9 | 11 | 9 | 16. | 13 | 19 | 131 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

**Section** A for the entry of Daily Observations. Station No. 3539

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1935.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft in.
,, Ground ,, Sea Level 336 ft.

T. L.

77

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | ~~in.~~ mm | | |
| 1 | 13.4 | – | 1.1 | 2.2 | – | – | 1.0 | – | 12.8 | 2.3 | 0.4 | 4.9 | | 1 |
| 2 | – | – | 1.0 | 0.8 | – | 1.7 | – | – | – | 12.9 | 0.5 | – | | 2 |
| 3 | 0.2 | 10.7 | 2.3 | 2.5 | – | 8.3 | 0.2 | – | 0.5 | – | 7.8 | – | | 3 |
| 4 | – | – | 0.4 | – | – | 18.5 | – | – | – | 17.4 | 1.2 | – | | 4 |
| 5 | 2.3 | 12.7 | – | – | – | 2.2 | – | – | 3.9 | 7.5 | 0.9 | – | | 5 |
| 6 | 5.3 | 1.1 | 0.1 | 0.3 | – | 6.6 | – | – | – | 4.5 | – | – | | 6 |
| 7 | 7.0 | – | – | 1.2 | – | 5.8 | – | – | – | 1.6 | 12.2 | 1.1 | | 7 |
| 8 | – | 0.1 | – | 3.1 | – | 0.3 | – | – | – | 1.2 | 1.4 | 1.3 | | 8 |
| 9 | 0.6 | – | – | 10.7 | – | 1.3 | – | – | – | 8.2 | 5.3 | 1.0 | | 9 |
| 10 | 0.3 | 0.8 | – | 0.7 | – | 1.5 | – | 0.7 | – | 1.0 | 3.7 | – | | 10 |
| 11 | 1.9 | – | – | 0.6 | – | 0.3 | – | 8.0 | – | 0.3 | 1.4 | 1.0 | | 11 |
| 12 | – | – | – | – | – | 0.4 | – | – | – | – | – | – | | 12 |
| 13 | 19 | – | – | 0.8 | 7.4 | – | – | – | 2.3 | – | – | 0.4 | | 13 |
| 14 | – | – | 0.3 | – | 2.6 | 1.7 | 1.7 | – | 0.4 | – | 6.5 | 0.9 | | 14 |
| 15 | – | 1.5 | – | 11.7 | 3.8 | 0.1 | – | 0.2 | 2.0 | 1.1 | 2.3 | 2.5 | | 15 |
| 16 | – | 7.8 | 2.9 | 2.8 | 5.6 | 1.6 | 0.8 | 7.6 | 5.2 | – | 9.1 | 0.5 | | 16 |
| 7594 17 | – | – | – | 4.3 | 0.9 | 6.5 | – | 0.6 | – | – | 28.5 | 3.2 | | 17 |
| 18 | 0.9 | 0.5 | – | 0.1 | 0.1 | 0.7 | – | – | 1.6 | 3.7 | 4.0 | – | | 18 |
| 19 | 0.5 | 1.7 | – | 0.3 | – | 5.1 | 2.6 | – | – | 0.1 | 0.7 | – | | 19 |
| 20 | – | 3.5 | – | 6.5 | – | 0.8 | – | – | – | – | 2.5 | – | | 20 |
| 21 | – | 5.1 | – | 31.7 | – | – | – | – | 55.8 | 10.3 | 2.2 | – | | 21 |
| 22 | – | 9.0 | 1.4 | – | – | – | – | – | – | – | 2.2 | – | | 22 |
| 23 | 0.1 | – | 0.5 | 0.2 | – | – | – | 3.9 | – | 1.7 | 0.3 | 0.4 | | 23 |
| 24 | 1.4 | 18.8 | 2.3 | 0.6 | – | – | – | – | 23.0 | – | – | 9.2 | | 24 |
| 25 | 3.3 | 1.9 | 0.2 | – | – | 0.9 | – | – | – | – | 0.4 | 2.8 | | 25 |
| 26 | 15.0 | – | – | 0.2 | – | 0.2 | 1.4 | 24.0 | 7.7 | 1.1 | 0.3 | 3.7 | | 26 |
| 27 | 2.0 | 2.7 | – | – | – | 0.4 | – | 0.2 | 4.2 | 2.0 | 2.3 | 4.5 | | 27 |
| 28 | 1.1 | 3.4 | 0.1 | – | – | – | – | 2.6 | 0.2 | 6.6 | – | – | | 28 |
| 29 | – | × | 2.6 | – | – | 1.0 | – | 2.4 | 0.9 | 1.2 | 0.2 | 2.7 | | 29 |
| 30 | – | × | – | – | – | 5.2 | – | 0.4 | 14.6 | 6.8 | 6.9 | – | | 30 |
| 31 | – | × | – | × | – | × | – | – | × | 0.4 | × | 5.1 | | 31 |
| 99 | 57.2 | 81.3 | 15.2 | 81.3 | 20.4 | 71.1 | 7.7<br>6.8 | 50.6 | 135.1 | 91.9 | 103.2 | 45.2 | Year's Total [illegible] | 760.2 |
| TOTAL | 2.25 | 3.20 | 0.60 | 3.20 | 0.80 | 2.80 | 0.27 | 1.99 | 5.32 | 3.62 | 4.06 | 1.78 | 29.89 | ✓ |
| *Days with ·01 in. or more. | 16 | 15 | 11 | 19 | 5 | 22 | 6 | 11 | 15 | 20 | 25 | 17 | 182 | |
| *Days with ·04 in. or more. | 11 | 13 | 7 | 10 | 4 | 14 | 4 | 6 | 11 | 18 | 17 | 13 | 128 | |

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) M

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3539

77

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1936.

*Kept at* Durham

*in the County of* Durham

T.L.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 336 ft.

mm.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| '36 | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | mm ~~in.~~ | | |
| 1 | 4.3 | 5.3 | 13.2 | — | — | 1.4 | 1.8 | 6.8 | 4.1 | — | 0.4 | 0.3 | | 1 |
| 2 | 0.1 | — | 3.6 | — | — | 3.7 | 3.3 | — | — | — | — | 1.0 | | 2 |
| 3 | — | 2.6 | — | — | — | 38.2 | 0.1 | — | 5.1 | — | — | 0.3 | | 3 |
| 4 | 3.8 | — | 1.7 | — | 0.1 | 1.2 | — | 11.3 | 1.7 | 0.8 | 0.6 | 2.0 | | 4 |
| 5 | 2.8 | — | — | — | 0.3 | — | — | 4.8 | 1.0 | — | 1.2 | — | | 5 |
| 6 | 1.4 | — | — | 0.7 | 0.4 | — | 1.4 | 12.6 | 10.8 | 0.3 | 4.0 | — | | 6 |
| 7 | 2.2 | — | — | — | — | — | 8.2 | — | 0.4 | — | 0.8 | 0.2 | | 7 |
| 8 | 2.7 | — | 8.0 | — | — | — | — | — | — | 0.7 | 0.5 | — | | 8 |
| 9 | 15.5 | 0.2 | 11.1 | — | 1.2 | 0.6 | — | 0.1 | — | 5.1 | 2.2 | — | | 9 |
| 10 | 3.2 | — | 0.2 | 0.8 | — | — | 0.7 | — | 0.4 | 0.3 | 0.1 | — | | 10 |
| 11 | — | — | — | 5.0 | — | — | 8.0 | 4.7 | 0.3 | 0.1 | 15.0 | — | | 11 |
| 12 | — | — | — | 7.4 | 2.5 | 3.5 | 4.7 | 0.9 | 3.0 | — | 10.6 | 1.9 | | 12 |
| 13 | — | — | 0.1 | 6.4 | 0.5 | 1.3 | 5.2 | — | — | 2.6 | 0.4 | 18.4 | | 13 |
| 14 | — | — | — | 8.1 | — | 12.5 | 0.5 | 1.9 | 0.2 | — | — | 13.1 | | 14 |
| 15 | 0.3 | — | 0.3 | 2.4 | 1.0 | 2.3 | 0.7 | 6.7 | 1.6 | — | 2.5 | 0.8 | | 15 |
| 16 | 1.0 | — | — | — | — | — | 0.1 | — | — | — | 9.9 | 0.4 | | 16 |
| 17 | 0.4 | 12.4 | — | — | 0.8 | — | 5.0 | — | — | 2.2 | 11.7 | 1.1 | | 17 |
| 18 | — | 1.4 | 0.2 | 3.1 | — | — | — | 2.1 | 0.8 | 0.3 | 0.1 | — | | 18 |
| 19 | 15.6 | 3.7 | — | 0.2 | — | — | 3.9 | 0.5 | — | 1.4 | — | — | | 19 |
| 20 | 2.0 | 3.8 | — | 0.8 | — | — | 1.2 | — | — | 0.1 | — | — | | 20 |
| 21 | 1.0 | — | 0.1 | — | — | — | — | — | — | — | — | 0.4 | | 21 |
| 22 | 0.1 | 10.1 | 1.2 | — | 1.7 | 4.6 | 2.0 | — | — | — | — | — | | 22 |
| 7396 23 | — | — | 0.6 | 1.5 | 5.3 | — | 11.3 | — | — | — | — | — | | 23 |
| 7406 24 | 0.8 | 3.9 | 0.2 | — | 21.0 | — | — | — | 18.5 | 2.8 | — | — | | 24 |
| 25 | 6.0 | — | 0.9 | — | 0.2 | — | 1.0 | — | 11.3 | 0.4 | — | — | | 25 |
| 26 | 0.3 | 1.0 | 14.0 | — | — | — | — | — | 1.8 | 7.4 | 0.6 | — | | 26 |
| 27 | 1.0 | 0.3 | 0.6 | 0.5 | — | — | 4.4 | — | 7.6 | 2.5 | 0.9 | — | | 27 |
| 28 | 7.3 | 16.0 | 1.0 | 0.1 | — | — | 4.2 | — | — | — | 0.1 | — | | 28 |
| 29 | 14.5 | 27.0 | 2.2 | — | 4.8 | 18.0 | 1.1 | — | — | 2.7 | 0.4 | — | | 29 |
| 30 | 0.2 | × | — | — | 1.0 | 0.8 | 8.2 | — | — | 4.8 | — | — | | 30 |
| 31 | 0.1 | × | 0.2 | × | 1.5 | × | — | — | × | — | × | 5.1 | 740.6 | 31 |
| 99<br>TOTAL | 86.6 | 87.7 | 59.4 | 37.0 | 42.3 | 88.1 | 77.0 | 52.4 | 68.6 | 34.5 | 62.0 | 45.0 | Year's Total.<br>7406 | ✓ |
| * Days with .01 in. or more. | 21 | 13 | 17 | 13 | 14 | 12 | 20 | 10 | 16 | 15 | 16 | 13 | 180 | |
| * Days with .04 in. or more. | 16 | 11 | 9 | 7 | 9 | 10 | 17 | 8 | 11 | 9 | 8 | 7 | 122 | |

40-9999 86.6 87.7 59.4 37.0 42.3 88.1 † Spare column, no entries required. 77.0 52.4 68.6 34.5 62.0 45.0 740.6

* See Instruction 2 (f) on other side. (Signed) [P.T.O.

FOR OFFICIAL USE.

3539 77

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 10.

# REGISTER OF RAINFALL IN 1937.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 336 ft.

TL

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following ✓

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| '37 | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | | |
| 1 | 1·3 | — | 2·3 | — | — | 0·1 | — | — | 1·9 | 0·7 | — | 9·1 | | 1 |
| 2 | — | 2·2 | 0·3 | 9·0 | — | 1·9 | — | — | — | — | — | 8·9 | | 2 |
| 3 | — | 1·5 | 0·3 | 1·6 | — | 3·6 | 43·0 | — | — | — | 0·1 | 7·2 | | 3 |
| 4 | 2·0 | 0·7 | 1·8 | 2·0 | 0·4 | — | 0·3 | 5·3 | — | — | — | 2·2 | | 4 |
| 5 | 0·2 | — | 7·3 | 1·4 | 1·5 | 0·1 | 1·6 | — | 0·3 | 0·2 | — | 5·6 | | 5 |
| 6 | 0·3 | — | 2·4 | 3·1 | 3·6 | — | — | — | — | — | 1·6 | 6·0 | | 6 |
| 7 | — | 7·2 | 6·2 | 1·0 | 0·6 | 2·5 | 7·9 | — | 0·1 | — | 0·2 | 7·6 | | 7 |
| 8 | — | 5·5 | 4·2 | 0·1 | 0·1 | 0·6 | 3·9 | — | — | — | 1·4 | 10·6 | | 8 |
| 9 | — | — | 4·2 | 2·2 | 0·3 | — | 8·3 | 4·3 | — | — | 2·8 | 14·8 | | 9 |
| 10 | — | 0·9 | 0·5 | 0·1 | 5·9 | 3·1 | 0·9 | — | — | — | 4·8 | 8·1 | | 10 |
| 11 | — | — | 14·7 | 5·4 | 1·1 | — | — | — | — | 0·3 | — | 18·9 | | 11 |
| 12 | 1·7 | 66 | 6·4 | 1·8 | 0·1 | — | — | — | 4·0 | — | — | 6·4 | | 12 |
| 13 | — | 2·0 | 0·4 | 0·8 | 0·8 | 1·6 | — | — | 1·1 | — | — | 3·3 | | 13 |
| 14 | — | — | 0·3 | 0·1 | — | 6·7 | — | 18·3 | — | — | — | 17·0 | | 14 |
| 15 | 5·3 | 11·9 | 0·2 | 4·8 | — | — | 0·6 | 1·0 | 2·0 | — | — | 9·3 | | 15 |
| 16 | 0·5 | 0·2 | 7·2 | 13·9 | — | 3·5 | — | 1·0 | — | — | — | 18·8 | | 16 |
| 17 | 6·4 | 0·3 | 5·1 | 1·4 | 6·5 | 1·6 | — | 0·5 | 25·2 | — | — | 0·8 | | 17 |
| 18 | 0·4 | 1·0 | 0·3 | 0·4 | — | 4·4 | 0·2 | 2·0 | — | — | 3·1 | — | | 18 |
| 19 | — | 1·0 | 0·3 | 0·4 | — | 4·2 | — | 1·1 | 2·6 | — | 12·5 | — | | 19 |
| 20 | 3·9 | — | 5·0 | 2·2 | 22·9 | — | 0·3 | 0·1 | — | — | — | 0·5 | | 20 |
| 21 | 0·2 | — | 1·2 | 1·3 | 3·1 | 4·5 | 6·2 | — | — | 0·6 | — | 1·9 | | 21 |
| 22 | 3·4 | — | 1·8 | 0·1 | 0·3 | — | 0·2 | — | — | 2·5 | 3·5 | — | | 22 |
| 23 | 5·4 | — | 0·3 | — | 6·8 | — | 2·0 | — | — | 15·9 | 1·9 | 0·1 | | 23 |
| 24 | 6·3 | 0·3 | — | — | 0·8 | — | 3·5 | — | 2·1 | 4·3 | — | — | | 24 |
| 25 | 3·0 | 11·1 | — | — | — | — | 0·5 | 3·5 | — | 5·1 | — | — | | 25 |
| 26 | 0·1 | 3·6 | 0·7 | — | 15·7 | — | — | — | 0·6 | — | 0·4 | — | | 26 |
| 27 | 0·4 | 19·6 | 4·5 | 3·3 | — | — | 0·4 | — | — | 3·5 | 0·4 | 0·8 | | 27 |
| 28 | 2·8 | 1·6 | 1·0 | — | — | 0·7 | — | — | — | 3·3 | — | — | | 28 |
| 29 | 6·5 | X | — | — | — | 1·5 | — | 0·6 | — | 1·3 | 0·2 | 1·9 | | 29 |
| 30 | 7·5 | X | — | — | — | 2·6 | — | — | — | 0·4 | 1·2 | 1·3 | | 30 |
| 31 | 12·0 | X | — | X | — | X | — | 0·3 | X | 4·1 | X | 0·3 | | 31 |
| 99 TOTAL | 69·6 | 77·2 | 78·9 | 56·4 | 70·5 | 43·2 | 79·8 | 38·0 | 39·8 | 42·2 | 34·1 | 161·4 | 791·1 | |
| Days with 0·2 mm. or more. | 20 | 18 | 26 | 18 | 15 | 15 | 16 | 11 | 9 | 13 | 13 | 23 | 197 ✓ | |
| Days with 1·0 mm. or more. | 14 | 13 | 16 | 15 | 9 | 13 | 8 | 8 | 7 | 8 | 9 | 19 | 139 ✓ | |
| | 69·6 | 77·2 | 789 | 56·4 | 70·5 | 43·2 | 79·8 | 38·0 | 39·8 | 42·2 | 34·1 | 161·4 | 791·1 | |

(144W)

40-9999

(Signed) ……………………

[P.T.O.

77

COPY FOR OFFICIAL USE.

**Section** **A** for the entry of Daily Observations. Station No. 3539

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1.

# REGISTER OF RAINFALL IN 1938.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 336 ft.

X. L.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf.

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| '38 | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | 2·6 | 0·2 | — | — | — | 28·3 | 6·0 | 0·1 | 2·7 | — | 2·1 | 3·0 | | 1 |
| 2 | 6·1 | — | — | — | — | 6·8 | 4·7 | — | 0·4 | 5·6 | 3·9 | 1·7 | | 2 |
| 3 | 1·4 | — | — | — | — | 0·1 | 1·5 | — | 1·1 | 16·5 | 3·0 | — | | 3 |
| 4 | 4·6 | — | — | — | — | 0·2 | 2·3 | — | — | 1·8 | — | 7·6 | | 4 |
| 5 | — | 0·3 | 2·1 | — | — | — | 0·3 | 5·4 | 0·4 | 1·5 | — | 0·1 | | 5 |
| 6 | 0·5 | — | 0·2 | — | — | 2·6 | 3·6 | — | 1·0 | 0·9 | — | 0·4 | | 6 |
| 7 | — | — | — | — | — | — | 6·7 | 1·8 | 8·0 | 1·8 | — | — | | 7 |
| 8 | 3·6 | — | — | — | — | — | 5·2 | 0·2 | — | 11·9 | 3·5 | 4·1 | | 8 |
| 9 | 2·3 | 1·5 | — | — | 1·9 | 0·7 | 0·1 | — | — | — | — | 10·9 | | 9 |
| 10 | — | 0·2 | — | — | — | 3·9 | 0·2 | — | 0·7 | — | — | 0·9 | | 10 |
| 11 | 1·0 | — | — | — | 0·5 | 2·1 | 0·4 | — | — | 0·3 | 1·5 | 1·9 | | 11 |
| 12 | 3·4 | 2·8 | — | — | 5·7 | — | — | 0·7 | — | 6·3 | 3·6 | — | | 12 |
| 13 | 1·0 | 7·0 | — | — | 1·1 | — | 0·2 | 0·1 | 4·0 | — | 7·0 | 2·6 | | 13 |
| 14 | 8·5 | 0·7 | — | — | 0·7 | — | — | — | — | 0·1 | — | 1·8 | | 14 |
| 15 | 3·0 | 2·4 | — | — | — | — | 2·8 | 5·5 | — | 1·2 | — | 8·7 | | 15 |
| 16 | 4·1 | — | 0·1 | — | 3·3 | — | 16·6 | 1·3 | 6·4 | — | 0·9 | 6·6 | | 16 |
| 17 | — | — | — | — | 23·6 | — | 0·4 | 0·6 | 0·5 | 9·6 | — | 0·3 | | 17 |
| 18 | 0·4 | 1·1 | — | — | 1·1 | 8·5 | — | 0·8 | 2·8 | 2·9 | 8·0 | 2·7 | | 18 |
| 19 | — | — | 1·0 | — | 1·7 | — | — | 1·8 | 6·3 | — | — | 12·2 | | 19 |
| 20 | — | — | 0·1 | — | — | — | — | 2·4 | 2·7 | — | 1·5 | 7·0 | | 20 |
| 21 | — | — | 2·3 | — | — | — | — | 0·1 | — | — | 0·7 | 1·8 | | 21 |
| 22 | — | 0·7 | — | 0·2 | 0·5 | 0·8 | — | — | — | — | 4·5 | 7·8 | | 22 |
| 23 | — | 0·2 | — | 0·3 | 1·8 | 1·9 | — | — | 2·0 | — | 3·9 | 2·7 | | 23 |
| 24 | 0·3 | — | 0·4 | 0·1 | 6·1 | 0·4 | 0·2 | 9·8 | 8·0 | 3·6 | 0·4 | 1·4 | | 24 |
| 25 | — | — | 0·4 | — | 3·1 | — | 2·2 | 2·4 | — | 8·9 | 3·9 | 3·9 | | 25 |
| 26 | — | 11·3 | 1·0 | — | 1·7 | 2·9 | — | — | 1·5 | 4·3 | — | — | | 26 |
| 27 | 0·2 | — | — | 0·4 | 4·4 | 1·2 | 4·8 | 6·2 | 0·8 | 0·6 | 3·3 | 1·0 | | 27 |
| 28 | 2·7 | 0·1 | — | — | 13·4 | 8·2 | — | — | 0·9 | 0·3 | — | 0·6 | | 28 |
| 29 | 1·0 | × | — | 1·2 | 11·6 | — | 0·3 | — | — | 0·1 | 1·5 | 0·2 | | 29 |
| 30 | 0·3 | × | = | — | — | — | 0·1 | — | 10·8 | 0·2 | 6·3 | — | | 30 |
| 31 | 3·4 | × | — | × | 4·8 | × | — | 1·1 | × | 1·5 | × | 13·5 | | 31 |
| 99<br>TOTAL | 50·4 | 28·5 | 7·6 | 2·2 | 87·0 | 68·6 | 58·6 | 40·3 | 61·0 | 79·9 | 59·5 | 105·3 | Year's Total<br>648·9 | |
| * Days with 0.2 mm. or more. | 20 | 12 | 7 | 4 | 18 | 14 | 18 | 14 | 19 | 19 | 18 | 25 | 188 | |
| * Days with 1.0 mm. or more. | 15 | 6 | 4 | 1 | 15 | 10 | 11 | 10 | 13 | 14 | 15 | 29 | 134 | |

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 1·98 1·12 ·30 ·09 3·43 2·70 2·31 (Signed) 2·40 3·15 2·34 4·15 25·56 [P.T.O.

1·59

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

3539

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

# REGISTER OF RAINFALL IN 1939.

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 336 ft.

T.L.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| '39 | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | |
| 1 | 15.7 | — | 0.4 | 1.0 | — | — | 0.3 | 1.0 | 1.1 | 12.6 | 1.2 | — | 1 |
| 2 | 4.6 | — | — | 1.5 | — | — | — | 20.0 | 20.5 | 2.9 | 1.8 | 0.2 | 2 |
| 3 | — | 0.3 | 0.7 | 2.2 | — | — | 0.4 | 9.4 | — | — | 6.5 | 2.0 | 3 |
| 4 | 6.0 | — | 5.5 | 0.6 | — | — | 3.3 | — | 1.1 | — | 1.8 | 6.0 | 4 |
| 5 | — | — | 0.1 | — | 5.9 | — | 6.9 | 12.2 | — | 3.7 | 9.3 | 5.2 | 5 |
| 6 | 4.3 | — | — | — | 0.2 | — | 6.5 | — | — | 0.7 | 0.7 | — | 6 |
| 7 | 0.4 | 0.1 | 2.1 | — | 3.0 | — | — | 0.8 | — | 2.9 | 3.5 | 1.1 | 7 |
| 8 | 1.3 | 1.3 | 1.7 | 0.2 | — | — | 4.0 | 12.3 | — | — | 1.2 | 8.2 | 8 |
| 9 | 2.9 | 0.5 | — | — | — | — | 23.5 | 2.0 | 0.5 | 25.0 | — | 4.0 | 9 |
| 10 | 6.8 | — | 0.4 | — | — | 3.1 | — | 5.4 | 1.7 | 0.2 | — | — | 10 |
| 11 | 10.1 | — | 7.1 | — | 0.8 | 8.5 | — | 0.2 | 1.2 | 0.7 | 0.2 | 0.9 | 11 |
| 12 | — | 1.2 | — | — | — | 1.0 | 0.5 | — | — | 36.0 | — | — | 12 |
| 13 | — | — | 0.9 | 1.0 | 2.6 | 0.5 | — | — | 1.5 | 3.6 | 0.2 | — | 13 |
| 14 | 9.6 | — | 0.7 | — | 3.1 | 7.6 | 3.3 | — | 0.4 | 13.7 | 6.2 | — | 14 |
| 15 | 6.3 | — | — | — | 0.5 | 4.7 | 3.7 | — | — | 0.3 | — | 0.1 | 15 |
| 16 | 2.8 | — | 1.6 | — | 15.7 | — | 1.2 | — | — | — | 1.2 | — | 16 |
| 17 | 6.2 | — | 0.5 | 3.2 | 1.5 | — | 1.4 | — | — | — | 0.1 | — | 17 |
| 18 | 8.9 | 0.4 | 2.6 | — | — | 11.0 | 2.2 | — | 1.5 | 2.3 | 17.3 | — | 18 |
| 19 | 3.2 | — | — | — | — | 9.8 | — | — | 0.2 | — | — | 2.0 | 19 |
| 20 | 0.1 | — | — | — | 0.5 | 0.2 | 0.3 | 15.2 | — | — | — | 0.5 | 20 |
| 21 | 3.3 | 2.2 | 0.5 | 0.4 | — | 0.5 | 0.1 | 0.2 | 1.8 | — | — | — | 21 |
| 22 | 5.2 | 3.3 | — | 4.0 | — | — | 0.5 | — | 0.9 | — | 0.1 | — | 22 |
| 23 | 0.5 | 0.5 | 3.3 | 4.2 | — | 3.4 | 0.7 | — | 0.9 | — | 0.2 | — | 23 |
| 24 | — | 1.1 | 5.5 | 7.7 | — | 0.7 | — | 2.9 | — | — | — | — | 24 |
| 25 | 7.6 | — | 1.8 | 0.1 | — | 0.2 | — | 0.3 | — | 3.4 | 1.9 | 1.5 | 25 |
| 26 | 3.2 | 0.2 | 1.1 | — | — | 1.0 | — | 0.1 | 1.0 | 11.8 | — | — | 26 |
| 27 | 9.6 | 2.5 | 20.6 | 0.2 | — | 5.2 | 2.8 | 26.1 | — | 4.0 | — | — | 27 |
| 28 | 3.2 | 4.9 | 14.7 | 1.9 | — | 0.5 | 2.4 | 0.1 | — | 0.5 | 5.7 | 0.5 | 28 |
| 29 | — | × | 0.5 | — | — | 0.6 | 11.7 | 0.7 | — | 13.7 | — | — | 29 |
| 30 | 1.0 | × | — | 0.3 | — | 4.5 | 1.3 | — | 0.7 | 2.7 | 4.3 | — | 30 |
| 31 | — | × | — | × | — | × | 2.0 | 0.1 | × | 1.9 | × | — | 31 |
| 99<br>TOTAL | 121.8 | 18.5 | 72.3 | 28.4 | 33.8 | 63.0 | 79.0 | 109.0 | 35.0 | 142.6 | 63.4 | 32.2 | YEAR'S TOTAL<br>799.0 |
| *Days with 0·2 mm. or more. | 23 | 12 | 20 | 14 | 10 | 18 | 21 | 15 | 15 | 20 | 17 | 12 | 197 |
| *Days with 1·0 mm. or more. | 21 | 7 | 12 | 9 | 6 | 11 | 15 | 10 | 9 | 15 | 13 | 8 | 136 |
| | 4.80 | ·73 | 2.85 | 1.12 | 1.33 | 2.48 | 3.11 | 4.29 | 1.38 | 5.61 | 2.50 | 1.27 | 31.47 |

(144W)
40-9999

(Signed)

[P.T.O.

77

COPY FOR OFFICIAL USE

Station **A** for the entry of Daily Observations

Station No. 3539

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1091.

# REGISTER OF RAINFALL IN 19~~3~~40

*Kept at* Durham

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 336 ft.

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| '40 | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | † | |
| 1 | — | 1·7 | 0·1 | 1·4 | 0·5 | — | — | — | — | — | 0·1 | — | | 1 |
| 2 | — | — | — | 11·1 | — | — | — | — | — | — | 5·1 | 0·6 | | 2 |
| 3 | 1·3 | 4·3 | — | 1·0 | — | — | 1·1 | — | — | 0·2 | 0·1 | — | | 3 |
| 4 | — | 5·0 | — | 0·3 | — | — | 10·0 | — | — | 0·5 | 4·3 | 1·2 | | 4 |
| 5 | 0·1 | 0·3 | — | — | 6·5 | — | 0·1 | 1·1 | — | 0·9 | 0·1 | 3·5 | | 5 |
| 6 | 1·5 | 0·7 | — | — | — | — | 0·4 | — | — | 14·0 | 4·6 | 8·0 | | 6 |
| 7 | 0·3 | 8·9 | — | 1·1 | — | — | 0·8 | 0·1 | 2·5 | — | — | 0·3 | | 7 |
| 8 | 0·1 | — | — | — | — | 16·0 | — | 2·3 | 1·0 | 4·4 | 0·1 | 3·8 | | 8 |
| 9 | — | — | 3·2 | 0·2 | — | — | 7·8 | 0·1 | 0·1 | 2·7 | 10·8 | 0·2 | | 9 |
| 10 | — | — | 0·7 | — | — | — | 23·5 | 0·1 | — | — | 1·6 | — | | 10 |
| 11 | — | 1·5 | 4·0 | — | — | — | 17·5 | — | 2·3 | — | 7·2 | — | | 11 |
| 12 | — | 0·7 | 18·3 | — | — | 3·1 | 0·1 | 0·1 | 1·6 | — | — | — | | 12 |
| 13 | — | 4·5 | 2·5 | — | — | — | 2·2 | — | 1·8 | 0·1 | 2·0 | 0·3 | | 13 |
| 14 | — | 0·8 | 0·6 | 0·9 | 3·6 | — | 5·4 | — | — | 0·1 | — | 3·8 | | 14 |
| 15 | 2·4 | — | — | — | 2·7 | 0·9 | 0·1 | — | — | — | 2·8 | — | | 15 |
| 16 | 4·2 | — | — | — | — | — | 13·7 | — | 17·0 | 7·7 | 1·6 | — | | 16 |
| 17 | — | — | 4·1 | — | — | — | 23·8 | — | 1·7 | 3·6 | 20·0 | — | | 17 |
| 18 | — | 2·7 | 2·7 | 7·8 | — | — | 1·6 | — | 3·0 | — | 14·1 | 1·8 | | 18 |
| 19 | 1·3 | 1·4 | 0·5 | 2·5 | — | 0·1 | 5·3 | 4·2 | 1·7 | 0·1 | 6·5 | 1·4 | | 19 |
| 20 | — | 0·1 | 0·2 | 3·0 | — | — | 3·7 | 0·1 | — | 0·1 | 0·5 | — | | 20 |
| X 21 | 7·0 | — | 0·8 | 0·2 | — | 9·0 | 1·2 | 8·8 | — | 4·3 | 4·6 | — | | 21 |
| 22 | 1·9 | — | 0·5 | — | 6·9 | 3·4 | 0·2 | 1·2 | 0·2 | 11·8 | — | — | | 22 |
| 23 | — | 1·3 | — | 5·0 | 0·3 | — | 1·1 | 1·8 | — | 5·6 | 2·0 | 0·9 | | 23 |
| 24 | 1·3 | 0·9 | — | 1·3 | 13·8 | — | 0·7 | — | 0·1 | 2·9 | — | 2·8 | | 24 |
| 25 | 0·1 | — | — | — | 0·2 | — | 7·2 | — | — | 2·4 | — | 0·5 | | 25 |
| 26 | 6·5 | 0·7 | — | 0·6 | 3·1 | 0·6 | 4·3 | — | — | 0·1 | — | — | | 26 |
| 27 | 0·4 | 5·3 | — | 2·9 | — | — | 0·3 | 1·2 | — | 1·3 | — | — | | 27 |
| 28 | 0·6 | 9·8 | — | 0·2 | 2·0 | — | 0·1 | — | — | 0·1 | — | — | | 28 |
| 29 | 0·2 | 0·2 | 5·7 | 0·1 | — | 0·1 | 1·2 | 0·1 | — | 0·1 | — | 2·7 | | 29 |
| 30 | 3·6 | ✕ | 0·2 | — | — | — | — | — | — | 8·8 | — | 17·8 | | 30 |
| 31 | 8·1 | ✕ | 2·7 | ✕ | 0·1 | ✕ | — | — | ✕ | 6·1 | ✕ | 3·7 | | 31 |
| 99 TOTAL | 40·9 | 50·8 | 46·8 | 39·6 | 39·7 | 33·2 | 133·4 | 21·2 | 33·0 | 77·9 | 88·1 | 53·3 | Year's Total 657·9 | |
| * Days with 0.2 mm. or more. | 15 | 18 | 15 | 16 | 10 | 6 | 22 | 7 | 10 | 16 | 16 | 17 | 168 | |
| * Days with 1.0 mm. or more. | 11 | 11 | 8 | 10 | 7 | 4 | 17 | 7 | 9 | 13 | 14 | 11 | 122 | |

(141w) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

1·61 2·00 1·84 1·56 1·56 1·31 5·25 ·83 1·30 3·07 3·47 2·10 25·90

(Signed) .............................................. [P.T.O.

3540

Section **A** for the entry ... COPY FOR OFFICIAL USE.
AIR MINIS ... L ORGANIZATION.

FORM 1090.

**REG** ... .

*Kept at* Tunstall ...
*in the County of* ... G

Diameter of Funnel of Gauge...
Height of top of Gauge above G
,, Ground ,, S

**THE MORNING ME ... Y.**

*An observer who does not conform to this rule should insert the reading ... following year in the space on the right of this paragraph.*

Jan. 1, following

3540 —
TUNSTALL RES
1931 – 40
780701

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | ·03 | snow ·08 | — | — | ·02 | — | ·04 | ·68 | ·08 | — | — | 1 |
| 2 | — | ·10 | ·02 | ·40 | — | ·52 | — | ·06 | 2·32 | ·06 | ·04 | ·38 | 2 |
| 3 | — | ·12 | snow ·02 | ·16 | — | ·32 | ·15 | ·04 | 1·48 | ·02 | ·60 | ·28 | 3 |
| 4 | — | snow ·04 | — | ·09 | — | ·10 | — | ·05 | 1·70 | — | — | ·10 | 4 |
| 5 | ·01 | — | ·02 | — | ·10 | ·32 | — | ·03 | ·10 | — | — | ·38 | 5 |
| 6 | — | snow ·06 | snow ·40 | — | — | ·42 | ·42 | ·80 | ·21 | ·02 | ·02 | — | 6 |
| 7 | — | — | snow ·45 | — | — | ·24 | — | 1·20 | — | ·15 | ·04 | ·01 | 7 |
| 8 | ·05 | — | snow ·29 | ·14 | ·12 | ·12 | ·41 | ·28 | — | ·08 | ·82 | — | 8 |
| 9 | — | ·28 | snow ·20 | ·10 | ·25 | ·09 | — | ·26 | — | ·18 | ·24 | ·02 | 9 |
| 10 | — | ·13 | snow ·12 | — | ·10 | ·11 | ·05 | ·03 | — | — | ·10 | — | 10 |
| 11 | ·04 | ·48 | — | ·05 | — | ·02 | ·10 | ·02 | ·03 | ·02 | ·06 | — | 11 |
| 12 | — | snow ·03 | — | — | ·03 | ·04 | ·15 | ·32 | — | ·18 | — | — | 12 |
| 13 | ·04 | — | snow ·16 | — | ·05 | ·05 | ·04 | ·12 | — | — | — | — | 13 |
| 14 | ·12 | ·20 | snow ·14 | — | ·04 | ·51 | ·26 | 1·05 | — | — | ·05 | ·02 | 14 |
| 15 | — | snow ·15 | — | ·40 | ·10 | ·03 | ·05 | ·49 | — | — | ·12 | — | 15 |
| 16 | ·16 | ·30 | — | ·26 | ·05 | — | ·04 | 1·03 | ·34 | — | — | — | 16 |
| 17 | — | snow ·14 | — | 1·26 | — | — | ·18 | ·32 | ·04 | ·05 | ·16 | — | 17 |
| 18 | snow ·14 | snow ·02 | — | ·52 | — | ·32 | ·06 | — | — | ·03 | ·15 | — | 18 |
| 19 | ·04 | ·02 | — | ·02 | — | ·22 | ·32 | 2·40 | ·15 | ·20 | ·02 | ·03 | 19 |
| 20 | ·04 | ·03 | — | ·11 | — | ·02 | ·02 | ·12 | — | — | ·12 | ·04 | 20 |
| 21 | ·14 | ·06 | — | ·03 | ·04 | — | — | ·18 | ·02 | — | ·05 | — | 21 |
| 22 | ·05 | ·05 | — | ·05 | ·16 | ·04 | — | — | ·05 | — | ·02 | — | 22 |
| 23 | ·40 | — | — | ·10 | ·30 | ·51 | — | — | ·09 | ·02 | ·34 | — | 23 |
| 24 | ·02 | ·04 | — | ·22 | ·55 | — | ·06 | — | ·02 | snow ·12 | ·03 | — | 24 |
| 25 | — | ·08 | — | ·16 | ·14 | — | ·05 | ·01 | — | — | ·01 | — | 25 |
| 26 | — | — | — | ·12 | — | — | ·04 | — | — | — | ·50 | — | 26 |
| 27 | ·10 | — | ·01 | ·13 | — | — | ·07 | — | — | ·16 | ·08 | — | 27 |
| 28 | ·30 | ·05 | ·04 | ·16 | ·55 | — | ·03 | — | ·04 | — | ·01 | ·01 | 28 |
| 29 | snow ·56 | × | ·10 | — | ·12 | — | ·99 | — | — | 1·20 | ·01 | snow ·04 | 29 |
| 30 | snow ·10 | × | snow ·04 | — | ·75 | — | ·04 | — | ·04 | — | — | — | 30 |
| 31 | snow ·32 | × | — | × | ·10 | × | ·28 | — | × | — | × | — | 31 |
| TOTAL | 2·63 | 2·41 | 2·09 | 4·48 | 3·55 | 4·02 | 3·81 | 8·85 | 7·31 | 2·57 | 3·59 | 1·31 | YEAR'S TOTAL<br>46·62 |
| *Days with ·01 in. or more. | 18 | 21 | 15 | 20 | 18 | 20 | 22 | 21 | 16 | 16 | 23 | 11 | 221 |
| *Days with ·04 in. or more. | 16 | 16 | 11 | 18 | 17 | 16 | 20 | 17 | 13 | 11 | 16 | 6 | 177 |

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) H. Robinson
Engineer

[P.T.O.

3540

**Section** **A** for the entry

OPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL

L ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1931.

*Kept at* Tunstall Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 724·44 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| *Date* | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | — | ·03 | snow<br>·08 | — | — | ·02 | — | ·04 | ·68 | ·08 | — | — | 1 |
| 2 | — | ·10 | ·02 | ·40 | — | ·52 | — | ·06 | 2·32 | ·06 | ·04 | ·38 | 2 |
| 3 | — | ·12 | snow<br>·02 | ·16 | — | ·32 | ·15 | ·04 | 1·48 | ·02 | ·60 | ·28 | 3 |
| 4 | — | snow<br>·04 | — | ·09 | — | ·10 | — | ·05 | 1·70 | — | — | ·10 | 4 |
| 5 | ·01 | — | ·02 | — | ·10 | ·32 | — | ·03 | ·10 | — | — | ·38 | 5 |
| 6 | — | snow<br>·06 | snow<br>·40 | — | — | ·42 | ·42 | ·80 | ·21 | ·02 | ·02 | — | 6 |
| 7 | — | — | snow<br>·45 | — | — | ·24 | — | 1·20 | — | ·15 | ·04 | ·01 | 7 |
| 8 | ·05 | — | snow<br>·29 | ·14 | ·12 | ·12 | ·41 | ·28 | — | ·08 | ·82 | — | 8 |
| 9 | — | ·28 | snow<br>·20 | ·10 | ·25 | ·09 | — | ·26 | — | ·18 | ·24 | ·02 | 9 |
| 10 | — | ·13 | snow<br>·12 | — | ·10 | ·11 | ·05 | ·03 | — | — | ·10 | — | 10 |
| 11 | ·04 | ·48 | — | ·05 | — | ·02 | ·10 | ·02 | ·03 | ·02 | ·06 | — | 11 |
| 12 | — | snow<br>·03 | — | — | ·03 | ·04 | ·15 | ·32 | — | ·18 | — | — | 12 |
| 13 | ·04 | — | snow<br>·16 | — | ·05 | ·05 | ·04 | ·12 | — | — | — | — | 13 |
| 14 | ·12 | ·20 | snow<br>·14 | — | ·04 | ·51 | ·26 | 1·05 | — | — | ·05 | ·02 | 14 |
| 15 | — | snow<br>·15 | — | ·40 | ·10 | ·03 | ·05 | ·49 | — | — | ·12 | — | 15 |
| 16 | ·16 | ·30 | — | ·26 | ·05 | — | ·04 | 1·03 | ·34 | — | — | — | 16 |
| 17 | — | snow<br>·14 | — | 1·26 | — | — | ·18 | ·32 | ·04 | ·05 | ·16 | — | 17 |
| 18 | snow<br>·14 | snow<br>·02 | — | ·52 | — | ·32 | ·06 | — | — | ·03 | ·15 | — | 18 |
| 19 | ·04 | ·02 | — | ·02 | — | ·22 | ·32 | 2·40 | ·15 | ·20 | ·02 | ·03 | 19 |
| 20 | ·04 | ·03 | — | ·11 | — | ·02 | ·02 | ·12 | — | — | ·12 | ·04 | 20 |
| 21 | ·14 | ·06 | — | ·03 | ·04 | — | — | ·18 | ·02 | — | ·05 | — | 21 |
| 22 | ·05 | ·05 | — | ·05 | ·16 | ·04 | — | — | ·05 | — | ·02 | — | 22 |
| 23 | ·40 | — | — | ·10 | ·30 | ·51 | — | — | ·09 | ·02 | ·34 | — | 23 |
| 24 | ·02 | ·04 | — | ·22 | ·55 | — | ·06 | — | ·02 | snow<br>·12 | ·03 | — | 24 |
| 25 | — | ·08 | — | ·16 | ·14 | — | ·05 | ·01 | — | — | ·01 | — | 25 |
| 26 | — | — | — | ·12 | — | — | ·04 | — | — | — | ·50 | — | 26 |
| 27 | ·10 | — | ·01 | ·13 | — | — | ·07 | — | — | ·16 | ·08 | — | 27 |
| 28 | ·30 | ·05 | ·04 | ·16 | ·55 | — | ·03 | — | ·04 | — | ·01 | ·01 | 28 |
| 29 | snow<br>·56 | × | ·10 | — | ·12 | — | ·99 | — | — | 1·20 | ·01 | snow<br>·04 | 29 |
| 30 | snow<br>·10 | × | snow<br>·04 | — | ·75 | — | ·04 | — | ·04 | — | — | — | 30 |
| 31 | snow<br>·32 | × | — | × | ·10 | × | ·28 | — | × | — | × | — | 31 |
| TOTAL | 2·63 | 2·41 | 2·09 | 4·48 | 3·55 | 4·02 | 3·81 | 8·85 | 7·31 | 2·57 | 3·59 | 1·31 | YEAR'S TOTAL<br>46·62 |
| *Days with ·01 in. or more. | 18 | 21 | 15 | 20 | 18 | 20 | 22 | 21 | 16 | 16 | 23 | 11 | 221 |
| *Days with ·04 in. or more. | 16 | 16 | 11 | 18 | 17 | 16 | 20 | 17 | 13 | 11 | 16 | 6 | 177 |

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) H. Robinson

Engineer

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3540

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1932.

*Kept at* Tunstall Reservoir,
*in the County of* Durham
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 2 in.
,, Ground ,, Sea Level 724·44 ft.

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf.**

| Date | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | |
| 1 | ·01 | — | — | ·03 | ·02 | — | ·02 | ·02 | ·10 | ·18 | ·02 | ·05 | 1 |
| 2 | ·12 | — | — | snow ·04 | ·48 | — | ·12 | ·01 | ·10 | ·20 | ·06 | ·30 | 2 |
| 3 | ·26 | — | — | ·10 | — | — | ·03 | ·02 | ·07 | ·08 | — | snow ·31 | 3 |
| 4 | ·06 | — | — | ·06 | snow ·10 | — | ·40 | ·02 | ·04 | — | — | ·02 | 4 |
| 5 | ·12 | — | ·07 | ·04 | snow ·19 | — | — | — | ·04 | — | — | ·06 | 5 |
| 6 | ·09 | — | snow ·08 | ·10 | snow ·04 | — | — | — | ·03 | ·02 | — | ·08 | 6 |
| 7 | ·02 | ·06 | ·28 | snow ·23 | snow ·32 | — | — | — | ·07 | ·34 | — | — | 7 |
| 8 | — | ·12 | ·04 | snow ·06 | — | — | — | — | ·46 | ·86 | — | ·04 | 8 |
| 9 | ·40 | ·20 | snow ·05 | ·50 | ·25 | — | — | — | — | ·05 | ·01 | ·06 | 9 |
| 10 | ·38 | snow ·18 | snow ·07 | ·12 | ·04 | — | — | — | ·20 | ·82 | — | ·10 | 10 |
| 11 | — | snow ·54 | snow ·05 | snow ·06 | ·40 | — | ·72 | — | ·05 | ·16 | ·06 | — | 11 |
| 12 | ·21 | snow ·06 | — | — | ·07 | — | ·06 | — | — | ·08 | — | — | 12 |
| 13 | — | ·21 | — | — | ·06 | — | ·04 | ·02 | ·46 | ·08 | ·04 | ·07 | 13 |
| 14 | ·18 | — | — | — | — | — | ·12 | — | — | ·02 | ·09 | ·06 | 14 |
| 15 | ·07 | — | — | — | ·08 | — | — | — | — | — | ·24 | ·04 | 15 |
| 16 | ·41 | — | — | — | — | — | ·02 | — | — | ·01 | ·03 | ·28 | 16 |
| 17 | — | — | — | — | — | — | ·03 | — | ·01 | ·40 | ·04 | ·03 | 17 |
| 18 | — | — | — | ·04 | ·12 | — | — | — | — | — | ·01 | ·02 | 18 |
| 19 | — | — | ·04 | ·07 | ·06 | — | — | — | ·03 | ·04 | — | — | 19 |
| 20 | — | — | ·07 | ·04 | ·24 | — | — | ·42 | — | ·12 | — | ·02 | 20 |
| 21 | — | — | ·42 | ·24 | 1·72 | — | — | ·60 | — | ·90 | ·04 | — | 21 |
| 22 | — | — | ·38 | ·12 | ·08 | — | ·40 | — | — | ·03 | ·32 | — | 22 |
| 23 | — | ·10 | — | ·31 | ·05 | — | ·26 | — | ·02 | ·06 | ·06 | — | 23 |
| 24 | — | ·04 | — | — | ·06 | — | ·38 | — | ·06 | ·07 | ·02 | — | 24 |
| 25 | — | ·03 | — | ·06 | ·16 | — | ·06 | — | ·08 | ·08 | ·06 | — | 25 |
| 26 | — | ·02 | — | — | ·14 | — | ·14 | — | ·12 | ·18 | ·15 | ·06 | 26 |
| 27 | — | — | ·34 | ·19 | ·10 | ·36 | ·12 | — | ·04 | ·26 | ·09 | ·04 | 27 |
| 28 | — | — | — | ·30 | ·40 | ·25 | ·09 | — | ·05 | snow ·05 | — | — | 28 |
| 29 | — | — | ·52 | ·02 | ·14 | — | ·52 | ·65 | ·09 | ·21 | ·15 | ·18 | 29 |
| 30 | — | X | ·05 | — | — | ·44 | ·16 | ·10 | ·78 | ·22 | ·10 | ·04 | 30 |
| 31 | — | X | ·06 | X | — | X | ·08 | ·20 | X | — | X | ·04 | 31 |
| TOTAL | 2·33 | 1·56 | 2·52 | 2·73 | 5·31 | 1·05 | 3·77 | 2·06 | 2·90 | 5·52 | 1·59 | 1·90 | YEAR'S TOTAL 33·24 |
| *Days with ·01 in. or more. | 13 | 11 | 15 | 21 | 24 | 3 | 20 | 10 | 21 | 26 | 19 | 21 | 204 |
| *Days with .04 in. or more. | 11 | 9 | 15 | 19 | 23 | 3 | 16 | 5 | 17 | 22 | 14 | 17 | 171 |

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*See Instruction 2 (*f*) on other side.

(*Signed*) J. Robinson
Engineer.

P.T.O.

COPY FOR OFFICIAL USE.

**Section** **A** **for the entry of Daily Observations.**

Station No. 3540

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

# REGISTER OF RAINFALL IN 1933.

*Kept at* Tunstall Reservoir

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 2 in.

,, Ground ,, Sea Level 724.44 ft.

February 1" or more High

June 1" High

**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

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Jan. 1, following

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| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | ·06 | ·18 | — | — | — | — | — | — | ·04 | ·10 | ·02 | | 1 |
| 2 | ·08 | — | ·16 | — | — | ·12 | — | — | — | — | ·65 | — | | 2 |
| 3 | ·12 | ·02 | ·23 | — | ·30 | — | — | — | — | — | ·56 | ·10 | | 3 |
| 4 | ·24 | ·04 | ·04 | — | ·06 | — | — | — | — | — | — | — | | 4 |
| 5 | ·16 | ·12 | ·08 | — | ·18 | — | — | — | — | — | — | — | | 5 |
| 6 | — | — | ·10 | — | ·32 | — | — | — | — | — | — | ·07 | | 6 |
| 7 | — | ·06 | ·02 | — | ·18 | — | ·04 | — | — | 1·10 | — | ·08 | | 7 |
| 8 | — | ·10 | — | — | ·02 | — | ·02 | — | — | — | ·02 | ·22 | | 8 |
| 9 | — | ·44 | — | — | ·04 | ·04 | ·03 | — | — | ·33 | ·06 | ·04 | | 9 |
| 10 | ·02 | ·24 | — | — | ·02 | ·36 | ·01 | — | — | ·25 | ·02 | ·03 | | 10 |
| 11 | — | — | — | — | ·03 | ·06 | ·04 | — | — | ·17 | — | ·02 | | 11 |
| 12 | — | — | — | — | — | ·20 | — | — | — | — | — | snow ·05 | | 12 |
| 13 | — | — | — | — | ·03 | — | ·14 | ·10 | ·05 | ·08 | — | snow ·04 | | 13 |
| 14 | — | — | — | — | ·01 | — | ·15 | ·07 | — | ·14 | ·40 | ·12 | | 14 |
| 15 | ·26 | — | ·04 | ·01 | — | — | 1·05 | ·03 | — | ·16 | ·70 | ·10 | | 15 |
| 16 | ·08 | — | ·06 | ·06 | ·24 | ·02 | ·10 | — | — | — | ·28 | — | | 16 |
| 17 | snow ·20 | ·04 | ·12 | ·12 | ·02 | ·22 | ·04 | ·02 | — | — | ·65 | — | | 17 |
| 18 | — | snow ·30 | ·01 | snow ·03 | ·01 | ·26 | ·10 | ·01 | — | — | ·40 | — | | 18 |
| 19 | — | snow ·06 | snow ·45 | — | — | ·16 | ·24 | — | ·19 | — | ·04 | — | | 19 |
| 20 | — | snow ·03 | — | snow ·02 | ·06 | — | — | — | ·02 | ·10 | ·05 | — | | 20 |
| 21 | — | snow ·03 | — | ·01 | — | — | — | — | ·25 | ·05 | ·06 | — | | 21 |
| 22 | — | snow ·02 | — | — | — | ·12 | — | ·04 | ·05 | ·50 | — | — | | 22 |
| 23 | — | ·10 | — | ·10 | ·16 | 1·23 | — | ·04 | ·20 | ·05 | ·06 | — | | 23 |
| 24 | — | snow ·84 | — | ·28 | ·18 | ·21 | — | ·02 | ·21 | ·15 | ·04 | ·28 | | 24 |
| 25 | — | snow 1·09 | — | ·18 | ·03 | ·08 | — | ·08 | 1·25 | ·20 | — | ·02 | | 25 |
| 26 | — | snow 1·20 | — | ·20 | ·81 | — | — | — | ·02 | snow ·07 | ·02 | — | | 26 |
| 27 | — | ·51 | — | ·01 | ·02 | — | ·14 | — | ·02 | snow ·08 | ·08 | ·07 | | 27 |
| 28 | — | ·02 | — | ·05 | — | — | — | ·64 | ·03 | ·66 | — | ·16 | | 28 |
| 29 | — | × | — | ·40 | — | — | ·08 | — | — | ·25 | — | — | | 29 |
| 30 | — | × | — | — | — | — | ·10 | — | ·08 | ·04 | — | — | | 30 |
| 31 | ·26 | × | — | × | ·10 | × | ·02 | ·02 | × | — | × | ·16 | | 31 |
| TOTAL | 1·50 | 5·32 | 1·49 | 1·47 | 2·82 | 3·08 | 2·30 | 1·07 | 2·37 | 4·42 | 4·19 | 1·58 | Year's Total 31·61 | |
| *Days with ·01 in. or more. | 10 | 20 | 12 | 13 | 21 | 13 | 16 | 11 | 12 | 19 | 18 | 17 | 182 | |
| *Days with ·04 in. or more. | 9 | 15 | 10 | 8 | 12 | 12 | 12 | 6 | 8 | 19 | 15 | 13 | 139 | |

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Henry Robinson

Engineer.

[P.T.O.

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FORM 1090.

# REGISTER OF RAINFALL IN 1934.

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*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·06 | — | — | — | — | — | — | ·32 | — | — | — | — | | 1 |
| 2 | — | — | — | — | — | — | — | ·76 | ·24 | — | ·20 | ·50 | | 2 |
| 3 | — | — | ·03 | — | — | — | — | — | — | ·14 | snow ·12 | ·08 | | 3 |
| 4 | ·02 | — | ·08 | ·04 | — | — | — | — | — | ·08 | ·02 | ·98 | | 4 |
| 5 | ·03 | — | ·18 | snow ·20 | ·04 | — | — | — | — | ·08 | ·36 | ·32 | | 5 |
| 6 | ·16 | — | ·04 | snow ·16 | ·75 | ·06 | — | ·66 | — | ·10 | snow ·03 | ·12 | | 6 |
| 7 | ·04 | — | ·04 | — | ·24 | ·56 | — | — | ·02 | ·04 | ·02 | ·18 | | 7 |
| 8 | — | — | — | — | ·22 | ·25 | — | — | — | ·10 | — | ·08 | | 8 |
| 9 | — | — | ·03 | ·51 | — | — | — | — | — | ·08 | 1·10 | — | | 9 |
| 10 | ·06 | — | ·53 | snow ·16 | — | — | — | ·31 | — | — | 1·18 | — | | 10 |
| 11 | ·16 | — | ·75 | 1·12 | — | — | — | — | — | — | ·11 | ·12 | | 11 |
| 12 | — | — | 1·18 | ·32 | ·03 | — | ·30 | ·12 | — | — | ·04 | ·23 | | 12 |
| 13 | ·50 | — | ·15 | ·04 | ·02 | ·04 | 1·25 | ·12 | — | — | ·04 | ·04 | | 13 |
| 14 | ·32 | — | snow ·24 | ·03 | snow ·03 | — | ·24 | — | — | ·04 | ·04 | ·10 | | 14 |
| 15 | ·05 | — | ·09 | — | ·12 | — | — | — | — | ·58 | ·02 | ·18 | | 15 |
| 16 | ·30 | — | ·28 | — | ·08 | — | — | — | — | — | ·25 | — | | 16 |
| 17 | ·26 | — | snow ·25 | — | ·03 | — | ·68 | — | ·38 | ·07 | — | ·34 | | 17 |
| 18 | ·30 | — | ·24 | — | ·48 | ·02 | — | — | — | — | — | ·06 | | 18 |
| 19 | — | — | ·34 | ·11 | ·03 | ·04 | — | ·03 | ·03 | ·01 | — | — | | 19 |
| 20 | — | — | ·12 | — | ·04 | ·03 | — | ·15 | — | — | — | — | | 20 |
| 21 | — | — | — | — | — | ·40 | — | ·03 | ·08 | ·06 | — | — | | 21 |
| 22 | — | — | — | — | — | ·60 | — | ·05 | ·22 | ·15 | — | — | | 22 |
| 23 | — | — | ·03 | ·02 | — | — | ·31 | — | — | ·20 | ·08 | ·18 | | 23 |
| 24 | — | — | — | ·10 | ·08 | ·10 | — | — | ·06 | ·52 | ·02 | ·03 | | 24 |
| 25 | ·02 | — | — | ·15 | ·09 | — | ·02 | — | ·04 | ·48 | — | ·80 | | 25 |
| 26 | ·22 | — | — | ·98 | — | — | — | — | ·20 | ·46 | ·04 | ·02 | | 26 |
| 27 | — | snow ·34 | — | ·48 | — | ·09 | — | — | — | ·36 | — | ·17 | | 27 |
| 28 | — | — | ·02 | ·60 | — | ·68 | — | ·28 | — | ·14 | — | ·32 | | 28 |
| 29 | — | × | ·12 | ·04 | — | — | — | ·08 | ·20 | ·14 | — | ·26 | | 29 |
| 30 | ·14 | × | snow ·06 | — | — | — | ·31 | — | ·12 | snow ·70 | — | ·04 | | 30 |
| 31 | ·06 | × | — | × | — | × | — | ·04 | × | — | × | ·08 | | 31 |
| TOTAL | 2·70 | ·34 | 4·80 | 5·06 | 2·28 | 2·87 | 3·11 | 2·95 | 1·59 | 4·53 | 3·67 | 5·28 | Year's Total. 39·13 | |
| * Days with .01 in. or more. | 17 | 1 | 21 | 17 | 15 | 12 | 7 | 13 | 11 | 21 | 17 | 23 | 175 | |
| * Days with .04 in. or more. | 14 | 1 | 17 | 15 | 10 | 10 | 6 | 11 | 9 | 20 | 12 | 21 | 146 | |

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† Spare column, no entries required.

(*Signed*) Henry Robinson
Engineer.

[P.T.O.

* See Instruction 2 (f) on other side.

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Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 724·44 ft.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·46 | ·01 | ·12 | — | — | — | ·20 | — | ·40 | ·14 | ·05 | snow ·31 | | 1 |
| 2 | ·01 | — | ·12 | snow ·02 | — | ·09 | — | — | ·05 | ·92 | ·08 | — | | 2 |
| 3 | ·04 | ·52 | ·10 | snow ·36 | — | ·06 | — | — | — | — | ·20 | — | | 3 |
| 4 | — | — | ·02 | — | — | ·34 | ·02 | — | — | ·35 | ·06 | — | | 4 |
| 5 | — | snow ·70 | ·02 | snow ·03 | — | ·46 | — | — | ·12 | ·24 | ·05 | — | | 5 |
| 6 | snow ·10 | ·01 | — | — | — | ·17 | — | — | — | ·36 | — | — | | 6 |
| 7 | snow ·14 | — | — | ·28 | — | ·36 | — | — | — | ·06 | ·40 | ·04 | | 7 |
| 8 | — | — | — | ·10 | — | ·06 | — | — | — | ·08 | ·06 | ·05 | | 8 |
| 9 | — | — | — | ·50 | — | ·08 | — | — | — | ·28 | ·27 | — | | 9 |
| 10 | — | ·02 | — | ·22 | — | ·10 | — | — | — | ·12 | ·20 | — | | 10 |
| 11 | ·39 | — | — | ·12 | — | ·06 | — | ·10 | — | ·06 | ·06 | ·10 | | 11 |
| 12 | — | — | — | — | — | ·05 | — | — | — | — | — | — | | 12 |
| 13 | snow ·14 | ·09 | — | — | ·40 | ·03 | — | — | ·06 | — | ·06 | — | | 13 |
| 14 | — | — | ·01 | ·04 | snow ·04 | ·02 | — | — | ·08 | — | ·34 | ·08 | | 14 |
| 15 | — | ·52 | — | ·30 | snow ·22 | ·02 | — | — | ·30 | ·05 | ·06 | snow ·24 | | 15 |
| 16 | ·02 | ·72 | ·21 | ·34 | snow ·34 | ·18 | ·25 | ·13 | ·54 | — | ·60 | ·01 | | 16 |
| 17 | — | ·04 | — | ·12 | snow ·06 | ·25 | — | ·04 | ·08 | ·02 | 1·36 | snow ·06 | | 17 |
| 18 | ·06 | ·08 | — | ·10 | snow ·08 | ·18 | — | ·24 | ·14 | ·38 | ·20 | ·02 | | 18 |
| 19 | — | ·10 | — | ·05 | — | ·38 | ·24 | — | ·02 | ·06 | ·14 | — | | 19 |
| 20 | — | ·32 | — | ·21 | — | ·08 | — | — | — | — | ·32 | — | | 20 |
| 21 | — | ·13 | — | ·14 | — | — | — | — | 1·98 | ·25 | ·18 | — | | 21 |
| 22 | — | snow ·18 | ·16 | ·10 | — | — | — | — | ·08 | — | ·16 | — | | 22 |
| 23 | ·02 | — | ·02 | ·06 | — | — | — | ·20 | ·02 | ·28 | — | ·01 | | 23 |
| 24 | ·26 | snow ·98 | — | ·02 | — | — | — | — | ·92 | — | — | snow ·24 | | 24 |
| 25 | snow ·12 | ·15 | ·06 | — | — | ·02 | — | — | — | ·01 | ·06 | ·20 | | 25 |
| 26 | snow ·17 | — | — | — | — | ·08 | ·01 | ·63 | ·42 | ·02 | ·06 | ·22 | | 26 |
| 27 | snow ·04 | snow ·15 | — | — | — | — | ·12 | — | ·12 | ·06 | ·05 | ·02 | | 27 |
| 28 | ·04 | ·05 | — | — | — | — | — | ·01 | ·04 | ·30 | ·03 | — | | 28 |
| 29 | — | X | ·20 | — | — | ·02 | — | ·05 | ·02 | ·12 | ·10 | ·08 | | 29 |
| 30 | — | ✕ | — | — | — | ·08 | — | — | ·40 | ·74 | ·40 | — | | 30 |
| 31 | — | ✕ | — | ✕ | — | ✕ | — | — | ✕ | ·10 | ✕ | ·24 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·01 | 4·77 | 1·04 | 3·11 | 1·14 | 3·17 | ·84 | 1·40 | 5·79 | 5·00 | 5·55 | 1·92 | 35·74 | |
| * Days with .01 in. or more. | 15 | 18 | 11 | 19 | 6 | 23 | 6 | 8 | 19 | 23 | 26 | 16 | 190 | |
| * Days with .04 in. or more. | 12 | 15 | 7 | 16 | 6 | 18 | 4 | 7 | 16 | 20 | 25 | 12 | 158 | |

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Engineer.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·25 | ·02 | snow<br>·46 | — | — | ·03 | ·04 | ·06 | ·04 | — | ·01 | ·02 | | 1 |
| 2 | — | ·16 | snow<br>·24 | — | — | ·52 | — | ·14 | ·06 | — | — | ·10 | | 2 |
| 3 | — | snow<br>·11 | — | — | — | 1·80 | — | ·10 | ·70 | — | — | ·10 | | 3 |
| 4 | ·24 | — | — | — | — | ·12 | — | ·04 | ·10 | — | ·10 | snow<br>·40 | | 4 |
| 5 | ·20 | — | — | — | — | — | — | ·16 | — | — | ·12 | snow<br>·07 | | 5 |
| 6 | ·17 | — | — | — | — | — | ·05 | ·26 | ·40 | — | ·14 | ·04 | | 6 |
| 7 | ·06 | — | ·12 | — | — | — | ·26 | — | ·10 | — | ·16 | ·02 | | 7 |
| 8 | ·12 | — | ·26 | — | — | — | ·04 | — | ·04 | ·02 | ·10 | — | | 8 |
| 9 | 1·38 | — | ·38 | — | — | — | ·26 | — | ·06 | ·01 | ·25 | — | | 9 |
| 10 | ·41 | — | — | — | — | — | ·02 | — | — | ·01 | ·06 | — | | 10 |
| 11 | ·01 | — | ·01 | ·28 | — | ·01 | ·60 | ·20 | — | — | ·76 | ·01 | | 11 |
| 12 | — | — | — | snow<br>·34 | ·03 | ·15 | ·08 | ·08 | ·35 | — | ·55 | snow<br>·09 | | 12 |
| 13 | — | — | — | snow<br>·24 | — | ·02 | ·02 | — | — | ·01 | ·01 | ✓·90 | | 13 |
| 14 | — | — | — | ·26 | — | ·14 | ·10 | ·02 | ·32 | — | ·04 | ·40 | | 14 |
| 15 | — | — | — | snow<br>·32 | ·12 | ·12 | ·02 | ·06 | ·02 | ·01 | ·08 | ·16 | | 15 |
| 16 | ·02 | ·02 | — | snow<br>·12 | — | ·04 | ·06 | — | — | ·02 | ·40 | ·05 | | 16 |
| 17 | snow<br>·12 | ·60 | — | snow<br>·06 | ·06 | — | ·14 | — | — | ·08 | ·44 | ·33 | | 17 |
| 18 | — | ·10 | — | ·08 | — | — | ·12 | ·22 | — | ·04 | ·03 | — | | 18 |
| 19 | ·92 | ·12 | ·01 | snow<br>·06 | — | — | ·08 | ·05 | — | ·06 | — | ·08 | | 19 |
| 20 | snow<br>·16 | ·16 | — | — | — | — | ·05 | — | — | ·02 | — | — | | 20 |
| 21 | snow<br>·05 | ·02 | ·01 | ·02 | ·01 | — | — | — | — | ·02 | — | ·04 | | 21 |
| 22 | ·06 | snow<br>·26 | ·01 | — | ·02 | ·10 | ·02 | — | — | — | — | — | | 22 |
| 23 | ·02 | ·16 | ·02 | ·04 | ·25 | — | ·40 | — | — | — | — | — | | 23 |
| 24 | ·04 | ·30 | ·02 | — | ·92 | — | ·25 | — | ·75 | ·48 | — | — | | 24 |
| 25 | ·16 | — | ·08 | — | — | — | ·25 | — | ·55 | ·32 | — | — | | 25 |
| 26 | ·06 | ·08 | ·70 | — | — | — | — | — | ·18 | ·42 | ·02 | — | | 26 |
| 27 | ·08 | ·02 | ·10 | — | — | — | ·04 | — | ·40 | snow<br>·04 | ·06 | — | | 27 |
| 28 | ·16 | snow<br>·78 | ·16 | — | — | — | ·06 | — | — | — | ·08 | — | | 28 |
| 29 | 1·28 | snow<br>·60 | ·16 | — | ·43 | ·64 | ·10 | — | — | ·06 | ·02 | — | | 29 |
| 30 | — | ✕ | — | — | ·02 | ·10 | ·14 | — | — | ·26 | ·02 | ·07 | | 30 |
| 31 | — | ✕ | — | ✕ | ·02 | ✕ | ·02 | — | ✕ | — | ✕ | ·26 | | 31 |
| TOTAL | 5·97 | 3·51 | 2·74 | 1·82 | 1·88 | 3·79 | 3·22 | 1·39 | 4·07 | 1·88 | 3·45 | 3·08 | Year's Total<br>36·80 | |
| * Days with .01 in. or more. | 22 | 16 | 16 | 11 | 10 | 13 | 25 | 12 | 15 | 17 | 21 | 18 | 196 | |
| * Days with .04 in. or more. | 17 | 12 | 10 | 10 | 5 | 10 | 20 | 11 | 14 | 9 | 15 | 15 | 150 | |

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TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | ·08 | ·02 | snow ·10 | — | — | ·02 | — | — | ·07 | ·02 | ·03 | ·56 | | 1 |
| 2 | ·04 | ·18 | snow ·05 | 1·22 | — | — | — | — | — | — | — | ·54 | | 2 |
| 3 | ·01 | ·08 | snow ·04 | ·06 | ·05 | ·08 | ·52 | — | — | — | — | ·32 | | 3 |
| 4 | ·20 | ·02 | ·04 | ·08 | ·05 | — | ·06 | ·36 | — | — | — | snow ·12 | | 4 |
| 5 | ·08 | — | snow ·10 | ·18 | ·09 | — | ·02 | — | ·14 | — | — | snow ·11 | | 5 |
| 6 | — | — | snow ·11 | ·06 | ·12 | — | ·02 | — | ·02 | — | ·03 | snow ·08 | | 6 |
| 7 | — | ·52 | snow ·10 | ·04 | ·14 | ·04 | ·18 | — | — | — | ·04 | snow ·16 | | 7 |
| 8 | — | ·30 | snow ·09 | ·02 | — | — | ·22 | ·04 | — | — | ·02 | snow ·36 | | 8 |
| 9 | — | ·06 | snow ·06 | ·02 | ·03 | — | ·22 | ·06 | — | — | ·03 | snow ·44 | | 9 |
| 10 | — | ·05 | snow ·16 | ·04 | ·28 | — | ·04 | — | — | — | ·32 | snow ·52 | | 10 |
| 11 | — | — | snow ·76 | ·08 | ·06 | — | — | — | — | — | — | snow ·16 | | 11 |
| 12 | ·40 | ·30 | snow ·66 | ·04 | ·03 | — | — | ·52 | ·04 | — | — | ·48 | | 12 |
| 13 | — | snow ·04 | snow ·04 | ·03 | — | — | — | — | ·12 | — | — | snow ·14 | | 13 |
| 14 | — | — | snow ·06 | ·04 | — | ·06 | — | ·56 | — | — | — | snow ·12 | | 14 |
| 15 | snow ·06 | ·42 | — | ·06 | — | ·01 | ·12 | — | ·12 | — | — | ·03 | | 15 |
| 16 | — | ·26 | snow ·12 | ·64 | — | ·04 | — | ·14 | — | — | — | snow ·08 | | 16 |
| 17 | ·30 | ·03 | ·10 | ·04 | ·02 | ·06 | — | — | 1·40 | — | — | snow ·03 | | 17 |
| 18 | — | ·02 | — | ·02 | ·04 | ·08 | — | ·03 | ·04 | — | ·30 | ·02 | | 18 |
| 19 | — | ·03 | — | ·01 | — | ·04 | — | ·03 | ·08 | — | snow ·66 | — | | 19 |
| 20 | ·36 | — | ·06 | ·10 | ·80 | — | — | — | ·02 | — | — | — | | 20 |
| 21 | ·06 | — | snow ·07 | ·06 | ·16 | — | ·36 | — | — | ·01 | — | ·08 | | 21 |
| 22 | ·16 | — | snow ·44 | ·02 | ·04 | — | ·04 | — | — | ·02 | ·02 | ·04 | | 22 |
| 23 | ·26 | — | ·04 | — | ·06 | — | ·10 | — | — | 1·01 | ·18 | — | | 23 |
| 24 | ·25 | ·04 | snow ·02 | — | ·06 | — | — | — | — | ·20 | — | — | | 24 |
| 25 | ·03 | snow ·25 | snow ·03 | — | — | — | — | — | — | ·22 | — | — | | 25 |
| 26 | snow ·05 | ·65 | ·06 | — | ·75 | — | — | ·01 | — | — | ·02 | — | | 26 |
| 27 | ·08 | ·62 | snow ·04 | ·12 | — | — | ·04 | — | — | ·40 | ·03 | — | | 27 |
| 28 | snow ·12 | snow ·12 | snow ·01 | — | — | — | — | — | — | ·16 | — | ·02 | | 28 |
| 29 | snow ·20 | × | — | — | — | ·01 | — | ·12 | — | ·16 | ·01 | ·04 | | 29 |
| 30 | snow ·26 | × | — | — | — | — | — | ·32 | — | ·08 | — | ·02 | | 30 |
| 31 | ·60 | × | — | × | — | × | — | ·11 | × | ·16 | × | ·02 | | 31 |
| TOTAL | 3·60 | 4·01 | 3·36 | 2·98 | 2·78 | ·44 | 1·94 | 2·30 | 2·05 | 2·44 | 1·69 | 4·49 | Year's Total 32·08 | |
| * Days with .01 in. or more. | 20 | 20 | 25 | 22 | 17 | 10 | 13 | 12 | 10 | 11 | 13 | 24 | 197 | |
| * Days with .04 in. or more. | 18 | 15 | 22 | 16 | 14 | 7 | 11 | 9 | 8 | 8 | 5 | 18 | 151 | |

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) H Robinson
Engineer.

[P.T.O.

COPY FOR OFFICIAL USE

**Section** A **for the entry of Daily Observations** **Station No.** 3540

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1938.

*Kept at* Weardale W.W., Tunstall Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 724·44 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

| *Date* | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | | *Date* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | † | |
| 1 | – | ·12 | – | – | – | 1·30 | ·20 | – | ·02 | ·02 | ·08 | ·24 | | 1 |
| 2 | – | ·02 | – | – | – | ·12 | – | – | ·04 | ·41 | ·26 | – | | 2 |
| 3 | ·01 | – | – | – | – | ·02 | ·08 | – | ·04 | 1·03 | ·06 | ·02 | | 3 |
| 4 | ·02 | – | – | – | – | ·02 | ·10 | – | – | ·24 | ·02 | ·42 | | 4 |
| 5 | ·12 | – | – | – | – | – | – | ·20 | ·06 | ·26 | – | ·02 | | 5 |
| 6 | ·16 | – | – | – | – | ·06 | ·06 | ·04 | ·10 | ·16 | – | ·01 | | 6 |
| 7 | – | – | 7 – | – | – | – | ·65 | ·02 | ·28 | ·25 | – | ·02 | | 7 |
| 8 | ·16 | – | – | – | – | – | ·41 | ·01 | – | ·64 | ·20 | snow ·03 | | 8 |
| 9 | snow ·09 | ·20 | – | – | ·20 | ·06 | ·02 | – | – | ·02 | – | ·75 | | 9 |
| 10 | ·02 | – | – | – | – | ·18 | ·04 | – | – | ·12 | ·02 | ·06 | | 10 |
| 11 | snow ·04 | – | – | – | – | ·12 | ·08 | – | – | ·12 | ·08 | ·12 | | 11 |
| 12 | ·36 | ·06 | – | – | ·05 | – | ·04 | ·50 | – | ·20 | ·52 | ·03 | | 12 |
| 13 | ·02 | snow ·08 | – | – | ·03 | – | – | – | ·06 | ·02 | ·20 | ·15 | | 13 |
| 14 | ·76 | snow ·04 | – | – | ·01 | – | ·04 | ·01 | – | – | – | – | | 14 |
| 15 | ·40 | – | – | – | ·09 | – | ·05 | ·12 | ·04 | ·02 | ·01 | ·50 | | 15 |
| 16 | ·26 | – | – | – | ·41 | – | ·28 | ·18 | ·05 | ·08 | ·02 | ·14 | | 16 |
| 17 | – | – | – | – | ·06 | – | – | ·02 | ·02 | ·42 | – | ·04 | | 17 |
| 18 | ·04 | ·04 | – | – | ·05 | ·15 | – | ·02 | ·30 | ·12 | ·46 | snow ·06 | | 18 |
| 19 | – | ·03 | ·08 | – | – | ·06 | – | ·15 | ·20 | – | ·04 | snow ·14 | | 19 |
| 20 | – | ·02 | ·04 | – | – | – | – | ·10 | ·18 | – | – | snow ·16 | | 20 |
| 21 | – | ·02 | ·06 | ·01 | – | – | – | – | – | – | ·04 | snow ·18 | | 21 |
| 22 | – | ·02 | – | – | ·01 | – | – | – | – | – | ·25 | snow ·51 | | 22 |
| 23 | ·01 | – | – | – | ·08 | ·16 | – | – | ·06 | – | ·44 | ·14 | | 23 |
| 24 | ·20 | – | ·02 | – | – | ·04 | ·16 | ·65 | ·10 | ·36 | ·14 | snow ·04 | | 24 |
| 25 | ·11 | – | snow ·02 | – | ·02 | – | ·50 | – | – | ·32 | ·08 | ·04 | | 25 |
| 26 | ·05 | ·82 | snow ·01 | – | ·04 | ·12 | ·05 | – | – | ·20 | ·04 | – | 1.21 | 26 |
| 27 | ·08 | ·02 | ·02 | – | ·25 | ·04 | ·27 | ·23 | ·03 | ·06 | ·04 | – | | 27 |
| 28 | ·34 | ·03 | – | ·01 | ·84 | ·60 | ·03 | ·03 | ·02 | – | ·06 | – | | 28 |
| 29 | snow ·06 | × | ·02 | – | ·33 | ·04 | ·04 | – | – | ·06 | ·12 | – | | 29 |
| 30 | ·10 | × | ·04 | – | ·24 | – | ·04 | ·20 | ·34 | ·01 | ·20 | – | | 30 |
| 31 | ·38 | × | ·04 | × | ·25 | × | – | ·14 | × | ·02 | × | ·84 | | 31 |
| TOTAL | 3·78 | 1·52 | ·35 | ·02 | 2·96 | 3·09 | 3·14 | 2·62 | 1·94 | 5·16 | 3·38 | 4·66 | Year's Total 32·62 | |
| * Days with .01 in. or more. | 23 | 14 | 10 | 2 | 17 | 16 | 20 | 17 | 18 | 24 | 23 | 24 | 208 | |
| * Days with .04 in. or more. | 18 | 7 | 5 | – | 13 | 14 | 18 | 11 | 14 | 18 | 19 | 18 | 155 | |

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Nodwell.
Engineer

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3540

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Fo[illegible] 1090

# REGISTER OF RAINFALL IN 1939.

January 14th corrected for snow.

*Kept at* Weardale W.W., Tunstall Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 724·44 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | snow<br>·46 | — | ·10 | — | ·02 | — | ·04 | ·02 | ·05 | ·10 | ·06 | ·08 | | 1 |
| 2 | snow<br>·08 | — | ·04 | ·04 | — | — | — | ·62 | ·84 | ·06 | ·08 | ·04 | | 2 |
| 3 | — | — | ·04 | ·26 | — | — | ·04 | ·46 | ·08 | ·04 | ·20 | ·18 | | 3 |
| 4 | — | — | ·25 | ·06 | — | — | ·36 | — | ·01 | ·10 | ·06 | ·40 | | 4 |
| 5 | — | ·01 | ·15 | — | ·12 | — | ·40 | ·02 | — | ·36 | ·40 | snow<br>·14 | | 5 |
| 6 | ·46 | ·04 | ·06 | — | ·02 | — | ·01 | ·11 | — | ·08 | ·06 | ·08 | | 6 |
| 7 | ·05 | ·16 | ·46 | — | ·34 | — | — | ·03 | — | ·02 | ·14 | ·06 | | 7 |
| 8 | ·35 | ·10 | ·16 | — | — | — | ·16 | ·24 | — | ·10 | ·20 | ·36 | | 8 |
| 9 | ·35 | ·04 | — | — | — | — | ·15 | ·34 | ·02 | ·98 | ·04 | ·18 | | 9 |
| 10 | ·12 | ·01 | ·04 | — | — | ·17 | — | ·10 | ·06 | ·06 | — | — | | 10 |
| 11 | snow<br>·10 | ·10 | ·39 | — | ·06 | ·34 | — | ·18 | ·06 | ·08 | ·04 | — | | 11 |
| 12 | — | ·08 | — | — | — | ·02 | — | ·02 | ·02 | 1·68 | ·08 | ·01 | | 12 |
| 13 | — | — | — | — | ·14 | ·05 | — | — | ·04 | 1·46 | ·12 | ·02 | | 13 |
| 14 | 0·52<br>~~2·02~~ | — | — | — | ·20 | ·22 | 1·12 | — | ·01 | — | ·10 | ·01 | | 14 |
| 15 | ·42 | — | — | — | ·06 | ·44 | ·16 | — | ·01 | — | ·10 | ·02 | | 15 |
| 16 | ·16 | — | ·46 | ·02 | ·60 | — | ·02 | — | ·01 | — | — | — | | 16 |
| 17 | ·24 | — | ·04 | ·23 | ·02 | — | ·12 | — | ·01 | — | — | — | | 17 |
| 18 | ·26 | — | ·02 | — | ·02 | ·04 | ·08 | — | — | ·20 | ·66 | — | | 18 |
| 19 | ·10 | — | ·02 | — | — | ·34 | ·02 | — | — | — | ·04 | ·10 | | 19 |
| 20 | ·04 | — | — | — | ·02 | ·08 | ·04 | 1·54 | ·02 | ·01 | — | — | | 20 |
| 21 | ·20 | ·20 | ·06 | ·08 | — | ·02 | — | ·28 | ·04 | — | — | — | | 21 |
| 22 | ·35 | ·36 | — | ·10 | — | — | ·04 | — | ·01 | — | — | — | | 22 |
| 23 | ·02 | ·12 | — | ·16 | — | ·02 | ·04 | — | — | — | — | — | | 23 |
| 24 | ·30 | ·03 | ·04 | ·20 | — | ·32 | — | ·04 | — | — | — | — | | 24 |
| 25 | ·20 | — | snow<br>·05 | snow<br>·04 | — | ·16 | — | ·10 | — | — | ·28 | ·04 | | 25 |
| 26 | snow<br>·04 | ·02 | ·16 | snow<br>·03 | — | ·02 | — | ·76 | — | snow<br>·62 | ·04 | — | | 26 |
| 27 | snow<br>·06 | ·28 | 1·04 | snow<br>·02 | — | ·16 | ·12 | ·56 | — | ·52 | ·08 | — | | 27 |
| 28 | ·06 | snow<br>·08 | 1·01 | ·20 | — | ·06 | ·42 | ·02 | — | ·06 | ·34 | — | | 28 |
| 29 | ·04 | × | ·15 | ·04 | — | ·06 | ·79 | — | — | ·48 | — | ·02 | | 29 |
| 30 | — | × | — | ·02 | — | ·12 | ·12 | — | ·21 | ·32 | ·27 | snow<br>·02 | | 30 |
| 31 | — | × | — | × | — | × | ·27 | ·02 | × | ·20 | × | — | | 31 |
| TOTAL | 4·98<br>~~6·48~~ | 1·63 | 4·74 | 1·50 | 1·62 | 2·64 | 4·52 | 5·46 | 1·50 | 7·53 | 3·39 | 1·76 | Year's Total<br>41·27<br>~~42·77~~ | |
| * Days with .01 in. or more. | 24 | 15 | 21 | 15 | 12 | 18 | 21 | 19 | 17 | 21 | 21 | 17 | 221 | |
| * Days with .04 in. or more. | 23 | 11 | 19 | 11 | 7 | 14 | 18 | 13 | 8 | 19 | 21 | 11 | 175 | |

† Spare column, no entries required.

*(Signed)* ........................................ [P.T.O.

ENGINEER

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3540

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

# REGISTER OF RAINFALL IN 1940.

*Kept at* Weardale W.W. Tunstall Res.

*in the County of* Durham

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 724·44 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

*An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

**Please read the Notes and Instructions Overleaf**

| Date | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | † | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | | |
| 1 | — | snow ·02 | — | ·02 | — | — | — | — | — | — | ·06 | ·06 | | 1 |
| 2 | — | ·02 | — | ·24 | — | — | — | — | — | — | ·48 | ·04 | | 2 |
| 3 | ·04 | — | — | ·04 | — | — | ·02 | — | — | — | — | ·02 | | 3 |
| 4 | — | snow ·05 | — | ·04 | — | — | ·04 | — | — | ·04 | ·08 | ·02 | | 4 |
| 5 | — | — | — | ·06 | ·08 | — | — | — | — | ·40 | ·09 | ·52 | | 5 |
| 6 | — | — | — | ·01 | ·06 | — | ·02 | — | — | ·63 | ·29 | ·58 | | 6 |
| 7 | — | ·18 | — | ·01 | ·02 | — | — | — | ·09 | — | — | — | | 7 |
| 8 | — | — | — | — | — | ·37 | — | ·14 | — | ·25 | — | — | | 8 |
| 9 | — | — | — | — | — | — | ·34 | ·04 | ·03 | ·72 | ·46 | ·04 | | 9 |
| 10 | — | — | ·02 | — | — | — | ·76 | ·06 | — | — | ·22 | — | | 10 |
| 11 | — | snow ·02 | ·08 | — | — | — | 1·06 | — | ·03 | — | ·52 | — | | 11 |
| 12 | — | snow ·03 | 1·08 | — | — | — | ·04 | — | ·04 | ·02 | ·04 | — | | 12 |
| 13 | — | snow ·20 | snow ·18 | — | — | — | — | ·02 | ·11 | ·02 | ·08 | — | | 13 |
| 14 | — | snow ·20 | ·02 | — | — | — | ·26 | — | — | ·02 | ·04 | ·30 | | 14 |
| 15 | snow ·06 | snow ·02 | — | — | ·08 | ·01 | — | — | — | ·02 | ·08 | — | | 15 |
| 16 | snow ·30 | — | ·04 | — | — | — | ·26 | — | ·62 | ·36 | ·08 | — | | 16 |
| 17 | — | — | ·12 | — | — | — | 1·16 | — | ·08 | ·14 | 1·12 | — | | 17 |
| 18 | snow ·02 | ·16 | ·26 | ·48 | — | — | ·10 | ·01 | ·20 | ·02 | ·32 | ·22 | | 18 |
| 19 | snow ·01 | snow ·04 | ·10 | snow ·20 | — | — | ·32 | ·38 | ·06 | ·03 | ·42 | — | | 19 |
| 20 | ·06 | — | ·10 | ·20 | — | — | ·04 | ·01 | — | ·03 | ·30 | — | | 20 |
| 21 | snow ·44 | — | ·08 | ·10 | ·12 | ·62 | — | ·02 | — | ·06 | ·06 | — | | 21 |
| 22 | snow ·06 | — | ·01 | ·18 | ·08 | ·40 | — | ·06 | ·02 | ·78 | — | — | | 22 |
| 23 | — | — | — | ·06 | — | — | — | ·02 | ·04 | ·36 | — | — | | 23 |
| 24 | — | — | — | ·04 | — | — | — | ·01 | ·10 | ·18 | — | ·04 | | 24 |
| 25 | ·02 | — | ·02 | — | — | — | ·74 | — | — | ·08 | ·01 | — | | 25 |
| 26 | snow ·24 | ·04 | snow ·01 | — | ·14 | — | ·26 | ·04 | — | ·06 | ·01 | — | | 26 |
| 27 | snow ·48 | ·06 | — | ·04 | — | — | ·26 | — | — | ·10 | — | — | | 27 |
| 28 | snow ·24 | ·84 | ·10 | ·02 | ·85 | — | — | — | — | ·04 | — | ·04 | | 28 |
| 29 | ·08 | — | snow ·30 | — | ·18 | — | — | — | — | ·06 | — | ·40 | | 29 |
| 30 | snow ·38 | ✕ | ·05 | — | — | — | — | — | — | ·60 | — | ·04 | | 30 |
| 31 | snow ·36 | ✕ | ·04 | ✕ | — | ✕ | — | — | ✕ | ·22 | ✕ | ·24 | | 31 |
| | | | | | | | | | | | | | Year's Total | |
| TOTAL | 2·79 | 1·88 | 2·61 | 1·74 | 1·61 | 1·40 | 5·68 | ·81 | 1·42 | 5·24 | 4·76 | 2·56 | 32·50 | |
| * Days with .01 in. or more. | 15 | 14 | 18 | 16 | 9 | 4 | 16 | 12 | 12 | 25 | 20 | 14 | 175 | |
| * Days with .04 in. or more. | 12 | 9 | 13 | 12 | 8 | 3 | 14 | 6 | 9 | 18 | 18 | 12 | 134 | |

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ……………………………… [P.T.O.